



Loudoun County, Virginia

Department of General Services

801 Sycolin Road, S.E., Suite 300, Leesburg, VA 20175

703/771-5552 Metro: 703/478-1850 (Extension 5552) Fax: 703/771-5553

September 30, 2022

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 4 Annual Report;
Reporting Period: July 1, 2021 – June 30, 2022.

“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 3 Annual Report, July 1, 2021 – June 30, 2022, Permit Number: VAR040067

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

LOUDOUN COUNTY, VIRGINIA

**Permit Year 4 Annual Report
Reporting Period: July 1, 2021 – June 30, 2022**



Submitted October 1, 2022

**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.



Name_____
**Director, Department of General Services
Title**_____
Responsible Official Signature

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 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, 2021, to June 30, 2022 (Year 4).

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 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 4, the Program Plan was reviewed. The Program Plan was updated based on the review and based on comments received during the DEQ Audit. See Appendix A for the updated Program Plan, dated November 29, 2021 (version 4).

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

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.
This BMP is ongoing.

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 4, all the BMPs were evaluated and generally all the BMPs remained effective. The Program Plan was updated to reflect updates to some permit-required documents and some of our documents and procedures were updated. These details are discussed further in the appropriate sections of this report and summarized in Appendix B.

The Plan was also updated based on recommendations from the DEQ audit, which was conducted on September 21, 2021. A response to the audit findings was submitted to DEQ on November 29, 2021 (Appendix B).

It is noted that the county may need to make some changes because of impacts from the COVID-19 crisis. This will be reviewed in Year 5 and any changes noted in the annual report.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

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 February 1, 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.

During Permit Year 4, Loudoun County purchased 30 phosphorus credits as a means of achieving the required pollution reduction goals of the Chesapeake Bay TMDL (Appendix C).

The county continued working toward meeting the 40% pollution reduction requirements during Year 4 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 4. See summary table below for the total treatment for the permit cycle. We are currently not on track to meet the treatment goals for this portion of the action plan. We will be identifying additional projects to make up this short fall.

| 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 |

2. Stormwater retrofit projects. The county completed three retrofit projects that were provided in the Action Plan. These are summarized in the table below. In addition, in Year 4 the County purchased the West Park property, which was a 142-acre golf course, and placed the property into a conservation easement. The plan is for this property to become a passive recreational park. As part of this effort, the property will be analyzed for future retrofit potential.

| Project Name | Project Type | Status | Reductions | | |
|----------------------------|---------------------|-------------------------|------------|---------|-----------|
| | | | TP / Yr | TN / Yr | TSS / 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 |
| Total | | | 53.46 | 339.56 | 69,832.36 |

3. Development of Nutrient Management Plans (NMP) outside of the MS4 (6.13 pounds TN, and 0.12 pounds of TP). The county has met 100% of this goal.
4. Septic System Disconnects. The County will continue to take credit for septic disconnects. In Year 4, 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 FY2021. 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. DEQ has indicated that it may allow permittees to claim septic disconnect reductions outside of the MS4 with a baseline reduction. Further guidance from DEQ is pending. The County is taking a conservative approach for now and taking credit only for disconnects on parcels completely within or intersecting the MS4.

| Permit Year | Reductions | | |
|-------------|------------|---------|----------|
| | TP / Yr | TN / Yr | TSS / Yr |
| Year 1 | 0 | 538.65 | 0 |
| Year 2 | 0 | 548.10 | 0 |
| Year 3 | 0 | 160.65 | 0 |
| Year 4 | 0 | TBD* | 0 |
| Total | 0 | 1,247.4 | 0 |

* The calculation for the Year 4 septic disconnects was not done. It will be calculated in Year and reported in the Year 5 annual report.

5. Nutrient Purchases. The county is on track to meet the TP goal for this BMP but is currently lagging in TN and TSS. The county will consider adding language to future nutrient credit purchase RFPs that will require a higher TN and TSS to TP ratio.

| Permit Year | Reductions | | |
|-------------|------------|---------|-----------|
| | TP / Yr | TN / Yr | TSS / Yr |
| Year 1 | 30 | 182.7 | 3,895 |
| Year 2 | 30 | 193.8 | 2,711 |
| Year 3 | 30 | 173.7 | 2,546.6 |
| Year 4 | 30 | 98.28 | 47,811.62 |
| Total | 120 | 648.48 | 56,964.22 |

6. Landuse Changes. The table below summarizes the counties land conversion projects to date. There were no land conversion projects completed in Year 4.

| Project Name | Project Type | Status | Acres | Reductions | | |
|----------------------------|----------------|----------|-------|------------|---------|----------|
| | | | | TP / Yr | TN / Yr | TSS / Yr |
| South Riding | Turf to forest | Complete | 2.0 | 1.1 | 21.5 | 398.9 |
| Loudoun Valley Estates III | Turf to forest | Complete | 1.0 | 0.5 | 6.3 | 1,150.0 |
| Total | | | 3.0 | 1.6 | 27.8 | 1,548.9 |

Table 1 below shows Loudoun County's progress toward reaching the required reductions for this permit cycle.

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 |
| - BMPS Prior to July 1, 2020 | 3,074.64 | 596.18 | 405,606.33 |
| - Over-Treatment of stormwater management facilities | 0 | 0 | 0 |
| - Stormwater retrofit projects | 339.56 | 53.46 | 69,832.36 |
| - Development of NMP outside of the MS4 | 6.13 | 0.12 | 0 |
| - Septic System Disconnects | 1,247.40 | 0 | 0 |
| - Nutrient Credit Purchase | 648.48 | 120.0 | 59,964.22 |
| - Landuse Changes | 27.8 | 1.6 | 1,548.9 |
| = Remainder/(Excess) Toward 40% Target | 870.45 | (48.18) | 66,774.15 |

The following BMPs are planned for the next reporting period:

1. Over-Treatment of stormwater management facilities. The county will evaluate this BMP in Year 5 to see if it will remain part the TMDL Action Plan.
2. Stormwater retrofit projects
 - a. Countryside Stream Restoration. Construction is planned for Year 5.
 - b. Countryside Outfall Restoration. Construction Planned for Year 5.
 - c. MD1745, dry pond to constructed wetland retrofit. Construction is planned for Year 5.
 - d. Confluence Park Outfall Restoration. Construction planned for Year 5.
 - e. Conklin Park Stream Restoration. Design planned for Year 5.
 - f. Conklin Park Retrofit – JC77. Design planned for Year 5.
 - g. Conklin Park Retrofit – XX267. Design planned for Year 5.
 - h. Church Road Erosion Repair. Construction planned for Year 5.
 - i. Bettis Drive Channel Repair. Construction planned for Year 5.
 - j. Rostormel Outfall Restoration. Construction Planned for Year 5.
 - k. Willow Lake Retrofit. Design is planned for Year 5.

- I. Willow Lake Repair. Construction is planned for Year 5.
3. Development of Nutrient Management Plans (NMP) outside of the MS4. We will continue to look for opportunities for additional nutrient management plans.
4. Septic System Disconnects. The county will continue to evaluate this goal in Year 5.
5. Nutrient Purchases. Loudoun County is planning to purchase at least 30 phosphorus with associated nitrogen and TSS credits in Year 5.
6. Landuse Changes. The county will continue to look these opportunities.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activates complete.
This BMP is ongoing.

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 Retrofit (farm pond) | Planned Next Permit |
| Conklin Park Stream Restoration | Construction Year 5 |
| Dulles South Retrofit | Planned Next Permit |
| Lightridge HS Stream Restoration | Design Year 5 |

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 table below (Table 2), from the action plan, identifies a series of action items, the schedule for these actions and a summary of actions taken in Year 4.

Table 2: Status of Bacteria TMDL - Permit Year 4

| 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. 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. | In accordance with the schedule contained in the PEOB. | Complete. See MCM 1 for details. |
| 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. |

| Action Item | Description | Schedule | Year 2 Summary |
|--|--|--|----------------------------------|
| 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, and South Riding Park | 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 FY2021 annual report. | Complete. |
| 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.
This BMP is ongoing.

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.

NOTE: It shall be noted that due to actions taken in response to the COVID crisis, the ability to conduct public outreach activities during Year 3 and through Year 4 were reduced. The county will continue to review these outreach goals and will revise the PEOP as appropriate in future permit years.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

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

Permit Section: Part I E1(b)

As part of the development of 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 4, 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
This BMP is ongoing.

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 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 4:

- “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.”

Dog waste bags are typically provided to the animal shelter for distribution with new pet adoptions. Dog waste bags were not provided in Year 4 because of supply issues with our vendor. This practice will be reevaluated 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 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 3, the NVCWP continued a series of public service announcements (PSAs), which were broadcast on a variety of regional cable TV channels, in both English and Spanish, as well as banner ads on the internet. The campaign started in April 2013 and features the well-known national symbol of non-point source pollution, the rubber ducky. Listed below are the regional results of this effort. Additional details are included in Appendix D.

| | |
|---|-----------|
| Total Household Television Impressions | 820,154 |
| Total social media impressions (Facebook and Twitter) | 1,257,502 |
| Engagements with social media posts (Facebook and Twitter) | 30,267 |
| Visits to the website (www.onlyrain.org) | 3,984 |
| Survey Responses | 500 |

The County maintains a stormwater website (www.loudoun.gov/stormwater) as outlined below.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

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 (LEEx). 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 – 571.252.0857



In Year1, 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.

During this reporting period, there were no comments received on the Program Plan.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

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/stormater) a number of years ago 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 the public reporting as outlined in BMP 1B above (LE_x); and
5. Methods for how the public can provide input into the MS4 Program Plan (see BMP 1B).

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

BMP 2C: Public Involvement Opportunities

Permit Section: Part I E2(c)

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).

The county conducted four activities during the permit cycle that involved the public. These are summarized below and included 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.

NOTE: It shall be noted, that due to actions taken in response to the COVID crisis, the ability to conduct public involvement activities was reduced. The County will continue to

review these outreach goals and will revise the Program Plan as appropriate in future permit years.

Household Hazardous Waste Collection Events

Household hazardous waste collection events are held periodically throughout the year on weekends at various locations around 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 4.

Table 3: Household Hazardous Waste Events - Permit Year 4

| Date | Location | Number of Participants | Tons Collected |
|--------------------|--------------------------------------|------------------------|----------------|
| July 31, 2021 | Lovettsville Elementary School | 240 | 6.8 |
| September 11, 2021 | Harmony Park and Ride, Hamilton | 290 | 12.4 |
| October 23, 2021 | Leesburg Park and Ride, Leesburg | 400 | 14.2 |
| November 20, 2021 | Claude Moore Park, Sterling | 470 | 12.3 |
| March 26, 2022 | Leesburg Park and Ride, Leesburg | 535 | 16.9 |
| April 23, 2022 | Harmony Park and Ride, Hamilton | 560 | 15.1 |
| May 21, 2022 | Ashburn North Park and Ride, Ashburn | 425 | 12.4 |
| June 25, 2022 | Freedom High School, South Riding | 530 | 12.7 |
| Total | | 3,450 | 102.8 |

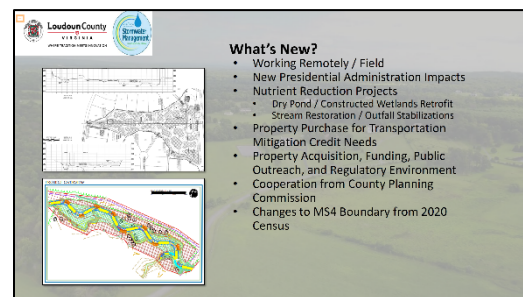
Storm Drain Marking Program

Loudoun County began a storm drain marking program several years ago. Through the program 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 a community service project.

In Year 4 a total of 847 storm drain markers were distributed to various groups that conducted storm drain marking projects throughout the County. To date, the program has installed approximately 14,100 storm drain markers.

Presentations

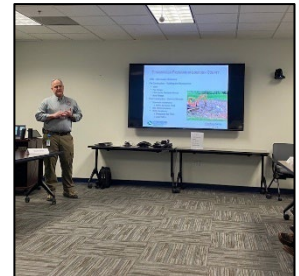
One staff member attended the American Conference of Engineering Companies of Metropolitan Washington Chesapeake Bay Symposium, virtually held May 13, 2022. The symposium featured speakers from several Phase I and Phase II MS4 permittees from Maryland, Northern Virginia, and the District. The discussion was based on meeting Bay TMDL requirements, funding for programs, novel and collaborative approaches for nutrient reduction, and potential future needs from the consulting community.



The Virginia Lakes and Watershed Association annual conference (March 7-8) was held in Richmond, VA. Two staff members attended and one staff member co-presented with one of our consultants on the Condition Assessment Tool.



On March 30, 2022, staff from the Stormwater Team presented to the Loudoun County Environmental Commission. The presentation included an overview of the stormwater maintenance program, and how Loudoun County is meeting both the Chesapeake Bay TMDL and the local TMDLs. There were approximately 25 members present.



BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

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 4, the county decided to stop producing a hard copy (pdf) map and instead generated a web-based map that can more efficiently be updated. 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.
This BMP is ongoing.

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 E. 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.
This BMP is ongoing.

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 4). 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.
This BMP is ongoing.

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 4, the County amended its IDDE Procedure. The amendment adjusted the categories for dry weather screening results to allow the County to use its resources most efficiently. Specifically, this amendment divided the “Suspect” category for dry weather screening results into two categories, “Suspect – Monitor” and “Suspect – Investigate.” The County created the “Suspect - Monitor” category to account for outfalls where an indicator of an illicit discharge was observed during field screening. Still, the observed indicator (i.e., evidence of a past illicit discharge such as staining, excessive trash, etc.) did not rise to the level that warrants an immediate investigation as required by the previous “Suspect” designation. Before this update, these outfalls were designated as “Suspect” to trigger future screening activities and therefore required the County to investigate a possible illicit discharge that did not exist. The County also created the “Suspect-Investigate” category intended for outfalls where an indicator of an illicit discharge was observed that warrants an investigation.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

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 amended its Illicit Discharge Detection and Elimination (IDDE) Procedure in January 2022. The amendment adjusted the categories for dry weather screening results to allow the County to use its resources most efficiently. Specifically, this amendment divided the “Suspect” category for dry weather screening results into two categories, “Suspect – Monitor” and “Suspect – Investigate.” The County created the “Suspect - Monitor” category to account for outfalls where an indicator of an illicit discharge was observed during field screening. Still, the observed indicator (i.e., evidence of a past illicit discharge such as staining, excessive trash, etc.) did not rise to the level that warrants an immediate investigation as required by the previous “Suspect” designation. Before this update, these outfalls were designated as “Suspect” to trigger future screening activities and therefore required the County to investigate a possible illicit discharge that did not exist. The County also created the “Suspect-Investigate” category. This category is intended for outfalls where an indicator of an illicit discharge was observed that warrants an immediate investigation.

The county conducted dry weather screening (Appendix F) on a total of 277 regulated MS4 outfalls. Of those outfalls investigated, 247 were found to be “clear” of dry weather flow, 14 were found to be “suspect-monitor”, 9 were found to be “suspect-investigate”, and 7 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.
This BMP is ongoing.

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 4, 44 suspected illicit discharges were reported to DGS. To date, 39 of these reports have been resolved and 5 of these cases remain under investigation. This report includes a summary of each investigation (Appendix G) 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.
This BMP is ongoing.

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 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 H.

Additionally, for this reporting period, Loudoun County has followed, to the MEP, all of their 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 4 provides a summary of land-disturbing activities for Permit Year 4, as required by the Section of the GP.

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

| Item | Quantity (Period 7/1/2021-6/30/2022) |
|--|---|
| Total Number of E&S Inspections | 13659 |
| Total Number of Enforcement Actions | 44 |
| Number of Notices to Comply | 206 |
| Number of Notices to Comply Corrected | 206 |
| Number of Stop Work Orders | 35 |
| Number of Stop Work Orders Corrected | 23* |
| Number of Grading Permit Non-Filers Identified | 42 |

* There are currently 21 Stop Work Orders that are in progress, awaiting engineering firms erosion control plan submission and grading permit applications.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

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 of the requirements outlined in this section of the GP have been incorporated into the County' 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.
This BMP is ongoing.

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 I 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.
This BMP is ongoing.

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 4, this document was reviewed, and no changes or updates were needed.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

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 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.

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 inspected annually. The remaining BMPs get a preventative maintenance inspection. The results of the Year 4 post-construction stormwater BMP inspections are summarized below, and the details of each inspection are provided in Appendix J.

In Year 4, structural inspections were conducted on 241 wet and dry ponds and 167 bioretention BMPs. Also, there were 152 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 J.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

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

Permit Section: Part I E5(b)3

The MS4 can provide for the 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.

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

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

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. The County will notify property owners responsible for maintaining stormwater management facilities of those deficiencies, discovered during County inspections, keeping the facility from functioning to their original design capability utilizing enforcement procedures outlined in Chapter 1096, Codified Ordinances of Loudoun County.

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

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
This BMP is ongoing.

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 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.

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 then surveys the new stormwater infrastructure.

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 30, 2022.

BMP Status: Year 1 review completed.
Year 2 review completed.
Year 3 review completed.
Year 4 activities complete.
This BMP is ongoing.

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 5. In Year 4, the SOPs were reviewed, and none of them required updating.

Table 4: List of Standard Operating Procedures

| Name | Effective Date |
|---|----------------|
| Land Disturbing SOP | November 2019 |
| Landscaping and Grounds Maintenance SOP | November 2019 |
| Loading-Unloading SOP | November 2019 |
| Material Storage SOP | January 2021 |
| Non-Stormwater Discharges SOP | November 2019 |
| Pool Operation SOP | November 2019 |
| Road, Street and Parking Lot SOP | November 2019 |
| Small Equipment SOP | November 2019 |
| Spill Response SOP | November 2019 |
| Storm Sewer System Cleaning & Maintenance SOP | November 2019 |
| Vehicle Fueling SOP | November 2019 |
| Vehicle-Equipment Maintenance/Repair SOP | November 2019 |
| Vehicle-Equipment 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.
This BMP is ongoing.

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 out the current Loudoun County SWPPPs and provides a summary of the annual site inspections and the findings from the inspections.

In Year 2, we removed the SWPPP for the Fire and Rescue Training Academy because they are no longer processing vehicles for training purposes. All the vehicles provided for training purposes are delivered free of all 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 at the Burn Building.

Table 6: Loudoun County SWPPP Information – Year 4

| Location | Annual Inspection date | Issues Observed | Actions Completed | SWPPP Revisions Needed | SWPPP Revisions 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 |
| Potomac Lakes Sportsplex | 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 |
| Claude Moore Park | 12/6/2021 | None | N/A | No | None needed | Well operated facility. |
| PRCS Trailside 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.
This BMP is ongoing.

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, develop a SWPPP meeting the requirements of Part I E6(d) no later than December 31 of that 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 4. The SWPPP for the Potomac Sportsplex was updated in Year 4 to reflect the addition of a new pole barn.

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.
This BMP is ongoing.

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.
This BMP is ongoing.

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 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 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 as noted below. The list of all NMPs is provided in Table 7 below. Two new plans were added during this cycle.

Table 7: Identified Acres Requiring Turf and Landscape NMPs

| Facility Name | Area (Acreage) | Plan Expiration Date | Latitude | Longitude |
|----------------------------------|----------------|----------------------|----------|-----------|
| Ashburn Library | 1.05 | 9/24/2025 | 39.2 | -77.3 |
| Cascades Library & Senior Center | 1.12 | 9/24/2025 | 39.1 | -77.23 |
| Bickel Ford Fields | 3.17 | 7/15/2022 | 39.01 | -77.28 |
| Bles Park | 9.12 | 4/1/2025 | 39.04 | -77.26 |
| Byrnes Ridge Park | 20.96 | 4/1/2022 | 38.55 | -77.33 |
| Conklin Park | 6.1 | 4/1/2022 | 38.54 | -77.31 |
| Greg Crittenden Park | 3.89 | 7/15/2022 | 39.01 | -77.29 |
| Lyndora Park | 5.86 | 7/15/2022 | 38.59 | -77.29 |
| Ray Muth Sr. Park | 9.35 | 11/1/2022 | 39.2 | -77.27 |
| Scott Jenkins Park | 11.72 | 11/1/2022 | 39.8 | -77.38 |
| Trailside Park | 6.69 | 7/15/2022 | 39.03 | -77.3 |
| Claude Moore Park | 16.43 | 11/1/2022 | 39.00 | -77.24 |
| Potomac Lakes Sportsplex | 20.24 | 11/1/2022 | 39.3 | -77.22 |
| East Gate Park | 3.36 | 4/1/2022 | 38.54 | -77.29 |
| Dulles South PSC | 1.6 | 6/2/2025 | 38.55 | -77.31 |
| Eastern Sheriff Substation | 0.9 | 4/15/2022 | 39 | -77.23 |
| East Gate Park & Ride | 1.8 | 4/15/2022 | 38.54 | -77.29 |
| Harmony Park & Ride | 1.3 | 6/2/2025 | 39.9 | -77.38 |
| Kincora Fire Station | 0.9 | 6/2/2025 | 39.1 | -77.25 |
| Lansdowne Fire Station | 1.1 | 6/2/2025 | 39.4 | -77.29 |
| Moorefield Fire and Rescue | 1.05 | 4/15/2022 | 39 | -77.29 |
| Stone Ridge Park & Ride | 1 | 4/15/2022 | 38.56 | -77.33 |
| Western Sheriff's Office | 1.6 | 5/10/2025 | 39.8 | -77.46 |
| Purcellville Fire Station | 2.2 | 4/15/2022 | 39.8 | -77.41 |
| Middleburg Fire Station | 0.6 | 4/15/2022 | 38.58 | -77.44 |
| Lovettsville Library | 0.2 | 4/15/2022 | 39.16 | -77.38 |
| Loudoun Heights Fire Station | 2.4 | 6/2/2025 | 39.14 | -77.43 |
| Franklin Park | 14.92 | 4/15/2022 | 39.7 | -77.44 |
| Ashburn Sheriff | 1.7 | 6/2/2025 | 39.3 | -77.27 |
| Total Acreage | 152.33 | | | |

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

This BMP is ongoing.

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). During the Year 3 evaluation of the training plan, it was determined that an update was needed. The new training plan, dated June 2, 2021, was updated to reflect a change in how the IDDE training was conducted. In the previous plan, this was accomplished via a third-party online training program. In the updated plan, this was incorporated into the in-person training program.

The stormwater team coordinated Stormwater Pollution Prevention Plan (SWPPP) and IDDE training for county staff in December 2021. Two training sessions were conducted with a total of 73 participants (Appendix K).

The annual BMP training was conducted August 5, 2021, for Department of General Services staff (stormwater and public works). See Appendix K 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.
This BMP is ongoing.

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
PO Box 7100
801 Sycolin Road, S.E.
Suite 300
Leesburg, VA 20175

Version 4
November 29, 2021



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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.

| | |
|------------------------------|--|
| <u>Responsible Party:</u> | DGS (Table 1) shall be responsible for drafting and submitting the MS4 Annual Report to DEQ. |
| <u>Schedule:</u> | MS4 Annual report will be submitted to DEQ on or before October 1 of each year each permit year. |
| <u>Items to Report:</u> | Report items outlined in Part I D 2. |
| <u>Method of Evaluation:</u> | Completion of the MS4 Annual Report. |

BMP E: Evaluate Effectiveness of Program BMPs

| | |
|-----------------------------|--|
| <u>Permit Section:</u> | Part I D 2 e |
| <u>Objective:</u> | Ensure that, to the MEP, all program BMPs are achieving the objectives intended; to correct identified deficiencies and/or inefficiencies. |
| <u>Measurable Goal:</u> | Each program BMP will be evaluated/critiqued annually to determine its effectiveness in achieving its stated objective, with recommendations for continuance or revision provided. |
| <u>Necessary Documents:</u> | MS4 Program Plan. |
| <u>Responsible Party:</u> | DGS (Table 1). |
| <u>Schedule:</u> | The first evaluation shall be conducted during Permit Year 2 with future implementation through the end of the permit cycle. |
| <u>Items to Report:</u> | 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

| | |
|-----------------------------|---|
| <u>Permit Section:</u> | Part I D 4 |
| <u>Objective:</u> | 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. |
| <u>Measurable Goal:</u> | Annual reporting on the status of the Chesapeake Bay TMDL Action Plan. |
| <u>Necessary Documents:</u> | 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 the 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 (LEx) ([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;

| 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

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

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 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 ([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 stormwater management facilities of those deficiencies, discovered during County inspections, keeping the facility from functioning to their original design capability 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 Disturbing SOP
Landscaping and Grounds Maintenance SOP
Loading-Unloading SOP
Material Storage SOP
Non-Stormwater Discharges SOP
Pool Operation SOP
Road, Street and Parking Lot SOP
Small Equipment SOP
Spill Response SOP
Storm Sewer System Cleaning & Maintenance SOP
Vehicle Fueling SOP
Vehicle-Equipment Maintenance/Repair SOP
Vehicle-Equipment Storage SOP
Vehicle-Large Equipment Washing SOP



Waste Management SOP

| | |
|------------------------------|--|
| <u>Responsible Party:</u> | DGS (Table 1). |
| <u>Schedule:</u> | Year 1 – Review of existing SOPs. Years 2, 3, 4, and 5 – Implementation. |
| <u>Items to Report:</u> | Year 1 – Updated written procedures. The written procedures will be provided upon request (Appendix A). |
| <u>Method of Evaluation:</u> | Annual review of written procedures for appropriateness and need of new procedures. |

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

| | |
|------------------------------|--|
| <u>Permit Section:</u> | Part I E 6 c, d, and g |
| <u>Objective:</u> | The County will continue to implement the SWPPPs that were developed under the previous permit. |
| <u>Measurable Goal:</u> | The County shall follow all parameters within each existing SWPPP. |
| <u>Necessary Documents:</u> | Facility SWPPPs (Appendix A). Claude Moore Park SWPPP PRCS Trailside Maintenance Facility SWPPP Potomac Lakes Sportsplex SWPPP Fire & Rescue EM Training Center SWPPP Central Warehouse SWPPP |
| <u>Responsible Party:</u> | DGS (Table 1). |
| <u>Schedule:</u> | Ongoing. |
| <u>Items to Report:</u> | Listing of the SWPPPs, dates of annual inspection, any findings, and corrective actions. |
| <u>Method of Evaluation:</u> | 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).*
- Claude Moore Park SWPPP
PRCS Trailside Maintenance Facility SWPPP
Potomac 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 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 May 1, 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 I

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 | October 10, 2018 |
| Chapter 1220 of the Loudoun County Codified Ordinances | As amended | December 12, 2017 |
| 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 | November 1, 2019 |
| 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 | November 19, 2021 |
| 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, 2021 |
| Illicit Discharge Detection and Elimination (IDDE) Procedure (link) | Version 2 | June 10, 2019 |
| Facilities Standards Manual | As amended | January 15, 2018 |
| Loudoun County Grading Permit Packet | Final | February 11, 2019 (Revised) |
| Loudoun County Erosion and Sediment Control Program Enforcement Protocol (link). | Final | August 19, 2010 |
| 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 Maint. SOP | Version 2 | November 1, 2019 |
| Loading-Unloading SOP | Version 2 | November 1, 2019 |
| Material Storage SOP | Version 3 | January 1, 2019 |
| Non-Stormwater Discharge SOP | Version 2 | November 1, 2019 |
| Pool Operations SOP | Version 2 | November 1, 2019 |
| Small Equipment Washing SOP | Version 2 | November 1, 2019 |
| Road, Street, and Parking Lot Maint. SOP | Version 3 | November 1, 2019 |
| Spill response SOP | Version 2 | November 1, 2019 |
| Storm Sewer Cleaning and Maint. SOP | Version 2 | November 1, 2019 |
| Vehicle Fueling SOP | Version 2 | November 1, 2019 |
| Vehicle and Equipment Maint. And Repair SOP | Version 2 | November 1, 2019 |
| Vehicle and Equipment 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 |
|-------------------------|----------------|----------------|
| Claude Moore Park SWPPP | Version 2 | August 19,2020 |
| Potomac Lakes SWPPP | Version 2 | August 2,2021 |
| PRCS Trailview SWPPP | Version 2 | August 19,2020 |
| Fire Rescue 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° 23' 41" |
| Cascades Library and Senior Center | 1.12 | 9/24/2020 | 9/24/2025 | 21030 Whitfield Place Potomac Falls, VA 20165 | 39° 1' 60" -77° 30' 9" |
| Bles Park | 9.1 | 4/1/2019 | 4/1/2022 | 44830 Riverside Parkway, Ashburn, VA 20147 | 39° 04' 07" -77° 26' 57" |
| Byrnes Ridge Park | 21.0 | 4/1/2019 | 4/1/2022 | 24915 Mineral Springs Circle, South Riding, VA 20105 | 38° 55' 43" -77° 33' 08" |
| Conklin Park | 6.1 | 4/1/2019 | 4/1/2022 | 25701 Donegal Drive, Chantilly, VA 20152 | 38° 54' 29" -77° 31' 25" |
| Ray Muth Sr. Park | 5.4 | 11/1/2019 | 11/1/2022 | 20971 Marblehead Drive, Ashburn, VA 20148 | 39° 2' 9" -77° 27' 38" |
| Scott Jenkins Park | 2.2 | 11/1/2019 | 11/1/2022 | 39464 Colonial Highway, Hamilton, VA 20158 | 39° 8' 12" -77° 38' 20" |
| Trailside Park | 2.8 | 7/15/2019 | 7/15/2022 | Claiborne Parkway, Ashburn, VA 20147 | 39° 3' 8" -77° 30' 18" |
| Lyndora Park | 2.5 | 7/15/2019 | 7/15/2022 | Lucketts Bridge Circle, Ashburn VA, 20148 | 38° 59' 18" -77° 29' 31" |
| Greg Crittenden Memorial Park | 1.6 | 7/15/2019 | 7/15/2022 | 21401 Windmill Dr, Ashburn, VA 20147 | 39° 1' 56" -77° 29' 49" |
| Chick Ford & Ryan Bickel Fields | 1.5 | 7/15/2019 | 7/15/2022 | 21597 Ashburn Village Blvd, Ashburn, VA 20147 | 39° 2' 15" -77° 28' 30" |
| Cascades Library and Senior Center | 1.1 | 9/24/2020 | 9/24/2025 | 21030 Whitfield Place Potomac Falls, VA 20165 | 39° 1' 59" -77° 23' 41" |
| Ashburn Library NMP | 1.1 | 9/24/2020 | 9/24/2025 | 43316 Hay Road, Ashburn VA 20147 | 39° 2' 45" -77° 30' 9" |
| Claude Moore Park | 9.8 | 11/1/2019 | 11/1/2022 | 46105 Loudoun Park Lane, Sterling, VA 20164 | 39° 0' 53" -77° 24' 15" |
| Potomac Lakes Sportsplex | 20.1 | 11/1/2019 | 11/1/2022 | 20280 Cascades Parkway, Sterling, VA 20165 | 39° 3' 14" -77° 22' 42" |
| East Gate Park | 3.4 | 4/1/2019 | 4/1/2022 | 43664 Tall Cedars Parkway, Chantilly, VA 20152 | 38° 54' 44" -77° 29' 33" |
| Dulles South PSC | 1.6 | 4/15/2019 | 4/15/2022 | 25216 Loudoun County Prkwy Chantilly, VA 20152 | 38° 55' 10" -77° 31' 1" |
| Eastern Sheriff Substation | 0.9 | 4/15/2019 | 4/15/2022 | 46620 E Frederick Drive Sterling, VA 20164 | 38° 0' 57" -77° 23' 12" |
| East Gate Park & Ride | 1.8 | 4/15/2019 | 4/15/2022 | 43664 Tall Cedars Pkwy Chantilly, VA 20152 | 38° 54' 42" -77° 29' 30" |
| Harmony Park & Ride | 1.3 | 4/15/2019 | 4/15/2022 | 39464 E Colonial Highway Hamilton, VA 20158 | 39° 8' 11" -77° 38' 6" |
| Kincora Fire Station | 0.9 | 4/15/2019 | 4/15/2022 | 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 | 4/15/2019 | 4/15/2022 | 19485 Sandridge Way Leesburg, VA 20176 | 39° 4' 37" -77° 29' 1" |
| Moorefield Fire and Rescue | 1.05 | 4/15/2019 | 4/15/2022 | 43495 Old Ryan Road Ashburn, VA 20148 | 39° 0' 32" -77° 29' 47" |
| Stone Ridge Park & Ride | 1.0 | 4/15/2019 | 4/15/2022 | 24281 Millstream Drive Aldie, VA 20105 | 38° 56' 16" -77° 33' 21" |
| Western Sheriff's Office | 1.6 | 4/15/2019 | 4/15/2022 | 47 West Loudoun Street Round Hill, VA 20141 | 39° 8' 1" -77° 46' 39" |
| Purcellville Fire Station | 2.2 | 4/15/2019 | 4/15/2022 | 500 North Maple Avenue Purcellville, VA 20132 | 39° 8' 37" -77° 41' 49" |
| Middleburg Fire Station | 0.6 | 4/15/2019 | 4/15/2022 | 910 West Washington Street Middleburg, VA 20117 | 38° 58' 3" -77° 44' 49" |
| Lovettsville Library | 0.2 | 4/15/2019 | 4/15/2022 | 12 North Light Street Lovettsville, VA 20180 | 39° 16' 27" -77° 38' 1" |
| Loudoun Heights Fire Station | 2.4 | 4/15/2019 | 4/15/2022 | 13345 Harpers Ferry Road Purcellville, VA 20132 | 39° 14' 55" -77° 43' 39" |
| Franklin Park | 14.92 | 4/15/2019 | 4/15/2022 | 17501 Franklin Park Drive Purcellville, VA 20132 | 39° 7' 55" -77° 44' 38" |
| Ashburn Sheriff | 1.8 | 4/15/2019 | 4/15/2022 | 20272 Savin Hill Drive Ashburn, VA 20147 | 39° 3' 13" -77° 27' 35" |

Appendix B

BMP Evaluations

MS4 Program Audit



Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

NORTHERN REGIONAL OFFICE

13901 Crown Court, Woodbridge, Virginia 22193

(703)583-3800 FAX (804) 698-4178

www.deq.virginia.gov

Ann Jennings
Secretary of Natural and Historic Resources

David K. Paylor
Director
(804) 698-4000

Thomas A. Faha
Regional Director

October 26, 2021

By Email: (chris.stone@loudoun.gov)

CONFIRMATION RECEIPT REQUESTED

Mr. Chris Stone
Chief, Stormwater Management
Loudoun County
PO Box 7100
Leesburg, VA 24201

Re: Virginia Pollutant Discharge Elimination System MS4 Registration No. VAR040067
Loudoun County FY2021 MS4 Audit

Dear Mr. Stone:

The Virginia Department of Environmental Quality (DEQ) would like to thank you for your time and assistance during the **September 21, 2021** audit of your MS4 program. With this letter is a copy of the MS4 audit report that contains recommendations and corrective actions to improve the MS4 program. DEQ asks that you submit a written response addressing the corrective actions contained in the MS4 audit report on or before **November 29, 2021**.

If necessary, you may propose an alternative date by which to submit the requested response with a supporting reason. If you have any questions regarding this letter or the attached MS4 audit report, please contact me at anna.tuthill@deq.virginia.gov or 703-583-3837. DEQ looks forward to working with you as you continue to develop and refine your MS4 Program.

Sincerely,

A handwritten signature in black ink that reads "Anna Tuthill".

Anna Tuthill
DEQ-NRO MS4 Compliance Inspector/Coordinator

**Virginia Department of Environmental Quality
Municipal Separate Storm Sewer System (MS4)
Compliance Audit Checklist (FY2021)**

| | |
|---|---|
| MS4 Name: Loudoun County | Permit No: VAR040067 |
| MS4 Contact: Chris Stone (Chief, Stormwater Mgmt.) Loudoun County | Telephone/Email: 571-258-3542 chris.stone@loudoun.gov |
| Date of Audit: 9/21/2021 (Site Visit) 9/28/2021 (Conference Call) | Notified of Audit: Yes |
| DEQ Region: NRO | Weather: The high temperature on the date of the inspection was 81° F; skies were cloudy. The last measurable rainfall in this area was on 9/17/2021. |
| Date Report Issued: 10/26/2021 | Response Due Date: 11/29/2021 |
| DEQ Inspector(s) Present: Anna Tuthill and Emily Janzow (conducted construction inspection) | |
| Programmatic Elements Reviewed: | |
| <input checked="" type="checkbox"/> Overall Program Management <input checked="" type="checkbox"/> Public Education & Outreach <input checked="" type="checkbox"/> Public Involvement/Participation <input checked="" type="checkbox"/> Illicit Discharge Detection & Elimination | <input checked="" type="checkbox"/> Construction Stormwater Runoff <input checked="" type="checkbox"/> Post-Construction Stormwater Runoff <input checked="" type="checkbox"/> PP/GH for Municipal Operations |
| MS4 Representatives Present: 9/21/2021 Site Visit and 9/28/2021 Telephone Call | |
| Name | Department |
| Phone Number/Email | |
| Participated in the conference call. | |
| Chris Stone | Chief, Stormwater Management Loudoun County |
| 571-258-3542/chris.stone@loudoun.gov | |
| Participated in the site visit. | |
| Chris Stone | Chief, Stormwater Management Loudoun County |
| 571-258-3542/chris.stone@loudoun.gov | |
| Max Kuker | GKY Associates |
| 703-870-7000/mkuker@gky.com | |
| Karl Evans | Senior Stormwater Engineer, Loudoun County |
| 571-258-3196/karl.evans@loudoun.gov | |
| Brian Danner | Manager, Claude Moore Park |
| 571-258-3702/brain.danner@loudoun.gov | |
| Opening Conference Notes: DEQ staff performed a review of the permittee's MS4 Program by utilizing documents available through DEQ and the Loudoun County's records prior to conducting a site visit. Additionally, staff visited sites in Loudoun County on September 21, 2021 and participated in a conference call with the County on September 28, 2021. | |

| Overall MS4 Program Management | | | |
|--|-----|----|-----|
| Questions | Yes | No | N/A |
| 1. Has the permittee developed and implemented an MS4 program plan designed to reduce the discharge of pollutants from the MS4 to the maximum extent practicable (MEP)? ¹ | X | | |
| 2. Does the MS4 program plan include the six minimum control measures (MCMs) described in Part I E. of the permit? | X | | |
| 3. Does the MS4 program plan include the roles and responsibilities of all permittee divisions and departments that are responsible for implementing permit requirements? | X | | |
| 4. Does the MS4 program plan include a copy of any written agreements (with a description of each party's roles and responsibilities) if another entity is utilized by the permittee to implement portions of the MS4 program? | | | X |
| 5. Does the MS4 program plan include each specific requirement as listed in Part I E. for each MCM? | | X | |
| 6. Does the MS4 program plan include a description of best management practices (BMPs) the permittee plans to implement to comply with permit conditions in Part I E? | X | | |
| 7. Does the MS4 program plan include all standard operating procedures (SOPs) or policies necessary to implement BMPs for each MCM? | | X | |
| 8. Does the MS4 program plan have measureable goals by which BMPs for each MCM will be evaluated? | X | | |
| 9. Does the MS4 program plan include the persons, positions, or departments responsible for implementing each BMP for the six MCMs? | X | | |
| 10. Does the MS4 program plan include a list of documents (e.g. SOPs, policies, TMDL action plans, ordinances, memorandums of understanding [MOUs], etc.) that are incorporated by reference? | X | | |
| 11. Does the permittee conduct monitoring (e.g., biological monitoring, wet weather screening, and ambient monitoring) as part of its MS4 program? | | | X |
| 12. Has the permittee developed and implemented a Chesapeake Bay TMDL action plan? | X | | |
| 13. Has the permittee updated the Chesapeake Bay TMDL action plan with the schedule contained in the MS4 permit? | X | | |
| 14. Is the Chesapeake Bay TMDL action plan incorporated by reference into the MS4 program plan? | X | | |
| 15. Has the permittee developed and implemented TMDL action plans for applicable local TMDLs? | X | | |
| 16. Has the permittee developed and/or updated local TMDL action plans with the schedule contained in the MS4 permit? | X | | |
| 17. Are local TMDL action plans incorporated by reference into the MS4 program plan? | X | | |

¹ <https://www.loudoun.gov/DocumentCenter/View/128225/Program-Plan-2018-2023-PDF>

Comments-Overall MS4 Program Management

Q3. The Loudoun County Departments of General Services (DGS) and Building and Development (B&D) are the primary coordinators for the MS4 Program with support from Fire and Rescue. Details regarding the roles of entities implementing the MCM Program are described below.

DGS DGS ensures general compliance with the MS4 Program to include development of the MS4 Program Plan and the annual reports. DCS is also responsible for compliance with MCM Nos. 1, 2, 3, 5, and 6 and the Chesapeake Bay and local TMDL action plans.

B&D B&D ensures general compliance with MCM Nos. 4 and 5.

Fire and Rescue Fire and Rescue ensures compliance with MCM No. 3. Fire and Rescue is also responsible for emergency response and reporting discharges resulting from vehicle accidents and hazardous waste.

PRCS Loudoun County Parks, Recreation, and Community Services (PRCS) maintains their high-priority municipal sites within the MS4. DGS is responsible for developing the stormwater pollution prevention plans (SWPPPs) at the aforementioned sites. Parks and Recreation personnel are included in County training programs.

LCPS The Loudoun County Public Schools (LCPS) is responsible for plowing and deicing of the school properties. DGS maintains stormwater management facilities (SMFs) located on school grounds.

Specific comments referenced to question marked “No” in the checklist section above:

Q5, Q7. Appendix A of the MS4 Program Plan dated May 1, 2019 lists the Loudoun County MS4 program management documents incorporated by reference. Since the referenced documents are of a permanent nature until superseded, a means to access them through the MS4 Program Plan is preferred. The MS4 Program Plan must include or reference the specific items listed in Part I E. for each MCM (See Audit Correction Actions – Item No. 1).

| Public Education and Outreach (MCM #1) | | | |
|---|------------|-----------|------------|
| Questions | Yes | No | N/A |
| 1. Does the permittee implement an existing public education and outreach program? ¹ | X | | |
| 2. Is the public education and outreach program designed to increase the public's knowledge of how to reduce stormwater pollution? | X | | |
| 3. Does the public education and outreach program prioritize the reduction of impacts to impaired waters and other local water pollution concerns? | X | | |
| 4. Does the public education and outreach program utilize strategies that targeted toward individuals or groups most likely to have significant stormwater impacts? | X | | |
| 5. Did the permittee identify a minimum of three high-priority issues for its public education and outreach program? | X | | |
| 6. Does the public education and outreach program identify the high-priority issues and explain why they are important? | X | | |
| 7. Does the public education and outreach program include actions the public may take in order to minimize the impact of those issues? | X | | |
| 8. Does the public education and outreach program include a contact and telephone number, website or location where the public can find out more information? | X | | |
| 9. Does the permittee use a minimum of two strategies (strategies include written materials, alternative materials, signage, media, speaking engagements, curriculum and training materials) each year to communicate to the public the identified high-priority issues? | X | | |
| 10. Does the permittee MS4 coordinate its public education/outreach efforts with other MS4s? | | | X |
| 11. Does the MS4 program plan include a list of the high-priority issues the permittee identified for its public education and outreach program? | | | X |
| 12. Does the MS4 program plan include the rationale for selection of each issue and explain how each education/outreach strategy is intended to have a positive impact on stormwater discharges? | | | X |
| 13. Does the MS4 program plan identify the audiences to receive each high-priority stormwater message? | | | X |
| 14. Does the MS4 program plan include the strategies used to communicate each high-priority stormwater message? | | | X |
| Comments-Public Education and Outreach (MCM #1) Q3 – Q6. The high-priority public education and outreach issues are bacteria impacts on water quality, illicit discharges, nutrient impacts on water quality, and sediment impacts on water quality. Q10 – Q14. The MS4 Program Plan does not include these items. However, the Public Education and Outreach plan is referenced in the MS4 Program Plan. It is best professional judgement of staff that this fulfills the requirement for inclusion within the MS4 Program Plan. | | | |

¹ <https://www.loudoun.gov/DocumentCenter/View/105559/Stormwater-Public-Education-Outreach-Program-PDF>

| Public Involvement and Participation (MCM #2) | | | |
|---|-----|----|-----|
| Questions | Yes | No | N/A |
| 1. Are procedures in place for the public to report potential illicit discharges, complaints regarding land disturbing activities, or other stormwater pollution concerns? | X | | |
| 2. Are procedures in place for the public to provide input on the permittee's MS4 program plan? | X | | |
| 3. Are procedures in place to receive public input or complaints? | X | | |
| 4. Are procedures in place for responding to public input on the MS4 program plan or complaints? | X | | |
| 5. Are procedures in place for keeping documentation of public input received on the MS4 program and the permittee's response? | X | | |
| 6. Did the permittee develop a webpage dedicated to the MS4 program and stormwater pollution prevention? | X | | |
| 7. Are the MS4 General Permit and permit coverage letter posted on the webpage? | X | | |
| 8. Is the current MS4 program plan posted on the webpage? | X | | |
| 9. Are all annual reports posted on the webpage? | | X | |
| 10. Does the webpage contain a mechanism (e.g. "hotline") for the public to report illicit discharge, improper disposal, spills to the MS4, complaints regarding land-disturbing activities, or stormwater pollution concerns? ¹ | X | | |
| 11. Does the webpage provide a method for the public to give input on the MS4 program plan? | X | | |
| 12. Does the permittee implement a minimum of four activities each year for the public to become involved in improving water quality and supporting local restoration and clean-up projects? | X | | |
| 13. Do the activities (described in 12 above) fall into at least two of the following categories: monitoring, restoration, educational events, collection events, or pollution prevention? | X | | |
| 14. Does the permittee coordinate any of the public involvement opportunities with other MS4s? | | | X |

Comments-Public Involvement and Participation (MCM #2)

Q1, Q3. Residents can report suspected MS4 violations to the County by telephone, email, or the LEX application (Loudoun Express Request).

Q2, Q4, Q5, Q11. The public can respond to the posted MS4 Program Plan on the webpage or request a pdf copy via the LEX system, email, or a letter. The County replies using the same mode as the request (e.g., letter). Responses are kept within each year's MS4 annual report.

Q12, Q13. In FY2021, the County conducted six hazardous waste events during the period of October 10, 2020 through June 26, 2021. The County also participated in an online workshop with citizens and homeowner associations (HOAs) regarding stormwater maintenance and retrofits; participated in a green infrastructure tour of a constructed wetland; presented an online stormwater presentation at the Climate Coalition; presented at the American Conference of Engineering Companies of Metropolitan Washington Chesapeake Bay Symposium and the Virginia Lakes and Watershed Association conferences; and organized storm drain marking.

Specific comments referenced to question marked "No" in the checklist section above:

Q9. Loudoun County only posts the FY2020 MS4 Annual Report. The permit requires that all annual reports for the permit cycle be posted on the webpage. This item has been corrected.

¹ <https://www.loudoun.gov/3055/Report-an-Issue>

| Illicit Discharge Detection and Elimination (MCM #3) | | | |
|--|-----|----|-----|
| Questions | Yes | No | N/A |
| 1. Does the permittee maintain an updated and accurate MS4 map with all known outfalls and/or points of discharge? | X | | |
| 2. Does the MS4 map depict the storm sewer system owned/operated by the permittee within the 2010 Census Urbanized Area (CUA)? | X | | |
| 3. Does the MS4 map contain all SMFs owned or operated by the permittee? | X | | |
| 4. Does the MS4 map depict the regulated service area of the MS4? | X | | |
| 5. Does the MS4 map show the name and location of all waters receiving discharges from MS4 outfalls and/or points of discharge? | | X | |
| 6. Does the map assign a unique identifier for each outfall/point of discharge and operator owned SMF? | X | | |
| 7. Does the permittee maintain an updated and accurate information table for outfalls/points of discharge that is associated with the MS4 map? | X | | |
| 8. Does the information table contain the unique identifier for each outfall/point of discharge as specified on the MS4 map? | X | | |
| 9. Does the information table have the latitude and longitude for each outfall/point of discharge? | X | | |
| 10. Does the information table have the estimated regulated service area draining to each outfall/point of discharge? | X | | |
| 11. Does the information table have the name of the receiving water to which each outfall/point of discharge discharges (to include the HUC 6)? | X | | |
| 12. Does the information table have the name of the receiving water to which each outfall/point of discharge discharges (to include the 6 th Order Hydrologic Unit Code [HUC])? | X | | |
| 13. Does the information table indicate whether or not each receiving water is listed as impaired in the Virginia 2016 305(b)/303(d) Water Quality Assessment Integrated Report? | X | | |
| 14. Does the information table have the predominant land use for each outfall/point of discharge discharging to an impaired water? | X | | |
| 15. Does the information table have the name of any EPA approved TMDLs for which the permittee is assigned a waste load allocation (WLA)? | X | | |
| 16. Did the permittee submit a geographical information system (GIS)-compatible shapefile of the MS4 map to DEQ by the July 1, 2019 deadline? | X | | |
| 17. Does the permittee update the MS4 map and information table with new outfalls and TMDLs by October 1 each year? | X | | |
| 18. Has the permittee provided written notification to downstream adjacent MS4s of any known physical interconnections established or discovered after the effective date of this permit? | X | | |
| 19. Has the permittee prohibited (by ordinance, policy, SOP, or other legal mechanism) non-stormwater discharges into the storm sewer system? | X | | |
| 20. Does the permittee have written procedures for illicit discharge detection and elimination (IDDE)? | X | | |
| 21. Are the written procedures designed to detect, identify, and address unauthorized non-stormwater discharges, including illegal dumping, to the MS4? | X | | |
| 22. Do the written IDDE procedures include a description of the legal authorities (ordinances, policies, SOPs, etc.) available to the permittee to eliminate sources of ongoing illicit discharges, as well as procedures for enforcing those legal authorities? | X | | |
| 23. Do the written IDDE procedures include dry weather field screening protocols to detect, identify, and eliminate illicit discharges to the MS4? | X | | |

| | | | |
|---|---|--|--|
| 24. Do dry weather screening protocols include a prioritized schedule (and rationale for that prioritization) for field screening based on criteria such as age of infrastructure, land use, historical illegal discharges, dumping, or cross connections? | X | | |
| 25. Does the permittee screen all outfalls annually or a minimum of 50 outfalls annually if the total number of MS4 outfalls is greater than fifty? | X | | |
| 26. If the MS4 has more than 50 outfalls, does the permittee's schedule to screen a minimum of 50 outfalls ensure that no more than 50% are screened in the previous 12-month period? | X | | |
| 27. Do dry weather screening protocols contain measures to track the unique outfall identifiers, time and quantity of the last rainfall event, and site descriptions such as conveyance type and land uses? | X | | |
| 28. Do dry weather screening protocols contain measures to track whether or not a discharge was observed, and if a discharge was observed, the rate of discharge and visual characteristics of that discharge (e.g., odor, color, deposits, structure condition, etc.)? | X | | |
| 29. Do dry weather screening protocols have methodologies to determine the source of all illicit discharges and for conducting follow-up investigations? | X | | |
| 30. Does the permittee track all illicit discharge investigations, and document the date(s) the discharge was observed, results of the investigations (including the sources, if identified), any follow-ups, resolutions, and date investigations were closed? | X | | |

Comments-Illicit Discharge Detection and Elimination (MCM #3)

- Q1. Loudoun County has identified 3,700 outfalls within the County's MS4.
- Q3, Q7. The Loudoun County map also indicates VDOT SMFs, private SMFs, and VDOT outfalls.
- Q18. The County sent interconnection letters to Fairfax County (VA0088587), the Town of Herndon (VAR040060), the Town of Leesburg (VAR040059), the Dulles Toll Road (VAR040120), and the Northern Virginia Community College MS4s (VAR040095) on May 16, 2019. Loudoun County documented delivery of these notices in the FY2019 MS4 Annual Report.
- Q19. Chapter 1096.03 of the Loudoun County Ordinance (Discharges to the Stormwater Management System) addresses non-stormwater discharges to the storm sewer system. Additionally, Chapters 1080 and 1088 of the County Ordinance address solid waste and litter. The County had adopted a Hazardous Waste Emergency Response Plan in accordance with Title III Superfund Amendments and Reauthorization Act.
- Q20. Loudoun County adopted revised Illicit Discharge Detection and Elimination Procedures on June 10, 2019.
- Q22. Enforcement guidance is provided in the Illicit Discharge Enforcement Procedures dated May 24, 2019 and Chapter 1096.03 of the Loudoun County Ordinance (see Comment Q19 above).
- Q24. Loudoun County focuses on commercial/industrial activities within the 2010 urbanized area when determining outfall prioritization for screening (e.g., those with a documented history or elevated potential for stormwater pollution).
- Q27, Q28. Dry weather screening is described in detail in the Dry Weather Field Screening Procedures dated April 1, 2019.
- Q30. Loudoun County tracks illicit discharges and documents them in the MS4 annual reports. If an illicit discharge entering the MS4 and state waters requires reporting to the DEQ Pollution Response Program (PREP), the report should indicate that a discharge is associated with the County's MS4 system by referencing the MS4 permit number.

Specific comments referenced to question marked "No" in the checklist section above:

- Q5. The MS4 map does not indicate the receiving water associated with each outfall. However, the GIS attributes table indicates the receiving water associated with each outfall.

| Construction Site Stormwater Runoff Control (MCM#4) | | | |
|--|------------|-----------|------------|
| Questions | Yes | No | N/A |
| 1. Does the permittee utilize its legal authority (e.g. ordinances, permits, orders, contract language, interjurisdictional agreements, etc.) to address discharges into the MS4 from regulated construction site stormwater runoff? ¹ | X | | |
| 2. If the permittee is a city, county, or town that has adopted a Virginia Erosion and Sediment Control Program (VЕСP), does the permittee control construction site stormwater runoff by implementing a VЕСP consistent with the Virginia Erosion and Sediment Control Law and Regulations? | | X | |
| 3. If the permittee is a town that has not adopted a VЕСP, does the permittee control construction site stormwater runoff by reliance on the surrounding Town to implement a VЕСP consistent with the Virginia Erosion and Sediment Control Law and regulations? | | | X |
| 4. If the permittee is a state agency, public institution of higher learning, or federal entity, does the permittee control construction site stormwater runoff by implementing the most recent department approved standards and specification that are in accordance with the Virginia Erosion and Sediment Control Law and Regulations? | | | X |
| 5. If the permittee is a state agency, public institution of higher learning, or federal entity that has not developed standards and specifications, does the permittee conduct inspections on all land disturbing activities that result in disturbance of 10,000 square feet or greater? | | | X |
| 6. If the permittee is a state agency, public institution of higher learning, or federal entity that has not developed standards and specifications, does the permittee conduct inspections on all land disturbing activities that result in disturbance of 2,500 feet or greater in areas designated under the Chesapeake Bay Preservation Act? | | | X |
| 7. For MS4s for which Questions 5 and 6 above apply, does the permittee inspect applicable land-disturbing activities during or immediately following initial installation of erosion and sediment controls? | | | X |
| 8. For MS4s for which Questions 5 and 6 above apply, does the permittee inspect applicable land-disturbing activities at least once per every two-week period? | | | X |
| 9. For MS4s for which Questions 5 and 6 above apply, does the permittee inspect applicable land-disturbing activities within 48 hours of any runoff producing storm event? | | | X |
| 10. For MS4s for which Questions 5 and 6 above apply, does the permittee inspect applicable land-disturbing activities at the completion of the project prior to the release of any performance bond? | | | X |
| 11. If the permittee is a school board or other subdivision of a local government, does the permittee conduct inspections on all land disturbing activities that result in disturbance of 10,000 square feet or greater? | | | X |
| 12. If the permittee is a school board or other subdivision of a local government, does the permittee conduct inspections on all land disturbing activities that result in disturbance of 2,500 square feet or greater in areas designated under the Chesapeake Bay Preservation Act? | | | X |
| 13. For MS4s for which Questions 11 and 12 above apply, does the permittee inspect applicable land-disturbing activities during or immediately following initial installation of erosion and sediment controls? | | | X |
| 14. For MS4s for which Questions 11 and 12 above apply, does the permittee inspect applicable land-disturbing activities at least once per every two-week period? | | | X |
| 15. For MS4s for which Questions 11 and 12 above apply, does the permittee inspect applicable land-disturbing activities within 48 hours of any runoff producing storm event? | | | X |
| 16. For MS4s for which Questions 11 and 12 above apply, does the permittee inspect applicable land-disturbing activities at the completion of the project prior to the release of any performance bond? | | | X |
| 17. Does the permittee require the use of controls to prevent nonstormwater discharges (e.g. concrete washout, fuels, oils, wastewater) from construction sites? | X | | |
| 18. Does the permittee's MS4 program plan include (either directly or in the list of documents incorporated by reference) all information required in Part I E.4.c of the permit? | | X | |
| 19. Does the permittee have written inspection procedures to ensure erosion and stormwater (E&S) controls are implemented, as well as all associated documents used for inspections? | X | | |

¹ <https://www.loudoun.gov/DocumentCenter/View/159681/Loudoun-County-Codified-Ordinance-Chapter-1096-Stormwater-Management>

Construction Site Stormwater Runoff Control (MCM#4)

| Questions | Yes | No | N/A |
|--|-----|----|-----|
| 20. Does the permittee have written procedures for requiring compliance through corrective action or enforcement action? | X | | |
| 21. Does the permittee ensure that all E&S/stormwater inspections are conducted by qualified personnel? | X | | |
| 22. Does the permittee ensure that all E&S/stormwater plans are reviewed by qualified personnel? | X | | |

Comments: Construction Site Stormwater Runoff Control (MCM #4)

- Q17. The ordinance discusses the use of controls to prevent nonstormwater discharges. DEQ staff did not observe nonstormwater discharges on the date of the audit.
- Q19. Section 7.600 of the County Facilities Standards Manual discusses E&S. A formal grading/land disturbance permit is required to be obtained from B&D for land disturbances of 5,000 square feet or greater. The County has developed the following inspection forms: Alternative Inspection Report, Bond Release Report, Notice to Comply Report, E&S Control/VSMP Phase I Inspection Report, E&S Control/VSMP Phase II Inspection Report, a Construction General Permit SWPPP Inspection, and a Stop Work Order.
- Q20. The County details E&S protocol in the Erosion and Sediment Control Program Enforcement Protocol dated June 11, 2019 based on Section 1096.04 of the County Ordinance -- Enforcement.

Specific comments referenced to question marked "No" in the checklist section above:

- Q2. Address the corrective actions found in DEQ's inspection of the Montebello Farm construction site on September 21, 2021 (see **Attachment 2**). The corrective actions were addressed. The County conducted a reinspection of the construction site on October 18, 2021.
- Q18. The written E&S inspection procedures and other associated documents used in inspections) are not incorporated by reference in the MS4 program plan. Incorporate written procedures and associated inspection documents in the MS4 Program Plan to ensure proper implementation of E&S controls. Noted in Corrective Action 1 e) of this report.

Additional Review

On the date of this MS4 audit, Emily Janzow (NRO Construction Stormwater Inspector) visited the Montebello Farm site in Sterling (see **Attachment 2**). Some issues observed were lack of qualified personnel noted in the SWPPP, lack of stabilization, a need for channel and check dam maintenance, fallen silt fencing, rill erosion, sedimentation, the presence of water seeps, and a disconnected outfall. DEQ requested that Loudoun County conduct an inspection by September 29, 2021.

| Post-Construction Stormwater Management (MCM#5) | | | |
|---|------------|-----------|------------|
| Questions | Yes | No | N/A |
| 1. If the permittee is a city, county, or town, does the permittee implement a post-construction stormwater management program through an approved VSMP that is consistent with the Virginia Stormwater Management Law and Regulations? | X | | |
| 2. If the permittee is a town that has not adopted a VSMP, does the permittee address post-construction management by reliance on the surrounding county to implement a VSMP consistent with the Virginia Stormwater Management Law and Regulations? | | | X |
| 3. If the permittee is a state agency, public institute of higher learning, or federal entity, does the permittee implement a post-construction stormwater management program by utilizing the most recent department approved standards and specifications that are in accordance with Virginia Stormwater Management Law and Regulations? | | | X |
| 4. If the permittee is a state agency, public institute of higher learning, or federal entity that has not developed standards and specifications, does the permittee implement a post-construction stormwater runoff control program through compliance with the VSMP Regulations (9VAC25-870)? | | | X |
| 5. If the permittee is a school board or other subdivision of a local government, does the permittee implement a post-construction stormwater runoff control program through compliance with the VSMP Regulations (9VAC25-870)? | | | X |
| 6. Did the permittee develop and maintain written inspection and maintenance procedures in order to ensure long-term operation and maintenance of its SMFs? | X | | |
| 7. Does the permittee ensure that SMFs owned or operated by the permittee are inspected no less than once per year? | X | | |
| 8. Does the permittee implement an alternative schedule to inspect any/all SMFs based on the type of SMF and expected maintenance needs? | | | X |
| 9. If SMF inspections determine that maintenance is required, does the permittee conduct that maintenance in accordance with written maintenance procedures? | X | | |
| 10. If the permittee is a locality with an approved VSMP, does the permittee maintain a copy of the DEQ approval letter in the MS4 Program Plan? | | X | |
| 11. If the permittee is a locality with an approved VSMP, does the permittee ensure that private SMF discharging to the MS4 are inspected no less than once per five years? | X | | |
| 12. If the permittee is a locality with an approved VSMP, does the permittee require owners of private SMFs to develop and record a maintenance agreement that includes an inspection schedule? | X | | |
| 13. If the permittee is a locality with an approved VSMP, does the permittee use its legal authority under the VSMP to require maintenance if the owner of a private SMF neglects his maintenance responsibilities? | X | | |
| 14. Does the permittee maintain an electronic database or spreadsheet of all known SMFs that discharge into the MS4? | X | | |
| 15. Does the database include all information required by the permit (Part I E.5.d (1)-(9))? | | X | |
| 16. Does the permittee update the database no later than 30 days after any new SMF is brought online, a previously existing SMF is discovered, or a new SMF is being used to meet a TMDL reduction? | | | X |
| 17. Does the permittee use the DEQ Construction Stormwater Database to report all SMFs (constructed since July 1, 2014) installed on land-disturbing projects for which a construction general permit (CGP) is required? | X | | |
| 18. By October 1 of each year, does the permittee use the DEQ BMP Warehouse to report all SMFs and BMPs put in place (between July 1 and June 30 of each year) on land disturbing activities for which a CGP was not required? | X | | |

Comments- Post-Construction Stormwater Management (MCM#5).

- Q6. The County has written inspection procedures for private and public SMFs; they must be incorporated in the MS4 Program Plan. Inspection forms in the procedures should include the name and license number of the inspector.
- Q11. Section 1096.01 (b)(1) D of the Loudoun County Ordinance addresses the requirement for private SMFs to be inspected at least once every five years.
- Q12. The County requires maintenance agreements for wet ponds and SMFs with filters. County personnel conduct maintenance for the remainder of the private SMFs. The procedures should contain a maintenance agreement template and clarify the procedure for conducting private SMF inspections.

Specific comments referenced to questions marked “No” in the checklist section above:

- Q10. A copy of the DEQ VSMP approval letter is to be included in the MS4 Program Plan. Noted in Corrective Action 1 f) of this report.
- Q15. Update the database to include all information required by the Permit (i.e., maintenance agreement and applicable TMDL).

September 21, 2021 SMF Site Visits

A visit was made to a constructed wetlands located on Stuckely Drive in Sterling (See **Attachment 1**, Photo Nos. 1 and 2). The wetlands, currently in their second year, were a conversion from a former dry pond. The forebay collects sediment and a small volume of trash. Loudoun County contracts with Virginia Waters periodically to treat for invasive species.

The County has also planted 400 to 500 trees on 0.5 acres near the wetlands (See **Attachment 1**, Photo No. 3).

A dry pond at the community center at Claude Moore Park was visited. Stormwater flows to this feature through sheet flow from the parking area and an inlet. Although it had been greater than 48 hours since the last significant rainfall, the base of the pond was wet due to the Triassic Shale geology. However, no flow to the receiving stream was observed (See **Attachment 1**, Photo Nos. 6-9). Due to the drainage issues, the County may consider evaluating this SMF.

A visit was made to in Winding Branch Terrace in Sterling to view bioretention features. There was no standing water in the basin examined. However, the basin has an overflow connected to the media (See **Attachment 1**, Photo Nos. 10-12). Please review the “as-builts” for this SMF to determine the role of the overflow pipe connected to the media (“as-builts” were submitted to DEQ on October 8, 2021).

An older wet pond (Willow Pond) on Greenfield Court at the Sugarland Run subdivision was visited. This wet pond is in need of a retrofit due to clogging of the riser pipe that causes discharge through the emergency spillway and significant stream bank erosion. The County is seeking a Stormwater Local Assistance Fund (SLAF) grant to dredge the pond and install aquatic benches. The intent is to use the wet pond nutrient and sediment reductions in the Chesapeake Bay TMDL action plan (See **Attachment 1**, Photo Nos.14-16).

| Pollution Prevention & Good Housekeeping for Facilities Owned or Operated by the Permittee Within the MS4 Service Area (MCM#6) | | | |
|--|------------|-----------|------------|
| Questions | Yes | No | N/A |
| 1. Does the permittee maintain and implement written procedures for activities at permittee owned facilities (e.g. maintenance of roads, streets, parking lots; equipment maintenance; storage and disposal of pesticides, herbicides, and fertilizers)? | X | | |
| 2. Do the written procedures address the prevention of illicit discharges? | X | | |
| 3. Do the written procedures address the proper disposal of waste materials, including landscape wastes? | X | | |
| 4. Do the written procedures prohibit discharging wastewater or the permittee's vehicle wash water into the MS4 (or both) without authorization under a separate Virginia Pollutant Discharge Elimination System (VPDES) permit? | X | | |
| 5. Do the written procedures require implementation of BMPs when discharging water pumped from utility construction and maintenance activities? | X | | |
| 6. Do the written procedures require use of BMPs to minimize pollutants in stormwater runoff from bulk storage areas (e.g., salt storage, topsoil stockpiles)? | X | | |
| 7. Do the written procedures address pollutant discharge into the MS4 from leaking municipal automobiles and equipment? | X | | |
| 8. Does the permittee use the written procedures as part of the employee training required in Part I.E.6.m of the permit? | X | | |
| 9. Did the permittee use the criteria described in Part I E.6.c (1)-(9) of the permit to identify all high-priority facilities with a high potential of discharging pollutants? | X | | |
| 10. Does the permittee maintain and implement a SWPPP for each facility identified above? | X | | |
| 11. Do the SWPPPs include all information required in Part I E.6.d of the permit? | X | | |
| 12. Are inspections conducted annually at a minimum at each facility for which a SWPPP has been developed? | X | | |
| 13. Do SWPPPs contain dates of inspections, inspection findings, and inspection follow-ups? | X | | |
| 14. Do SWPPPs contain a "spill log" (for unauthorized discharges, releases, or spills) with dates, type of material spilled, and quantity released or spilled? | X | | |
| 15. Does the permittee review other high-priority facilities on an annual basis to determine if SWPPPs may be required for those facilities? | X | | |
| 16. Are SWPPPs kept at applicable high-priority facilities and readily available to employees at those facilities? | X | | |
| 17. Does the permittee utilize SWPPPs as part of its staff training? | X | | |
| 18. Does the permittee maintain and implement turf and landscape nutrient management plans (NMPs) for identified areas greater than one acre in accordance with §10.1-104.2 of the Code of Virginia? | X | | |
| 19. Does the permittee ensure that all applicable NMPs are developed by a certified turf and landscape nutrient management planner in accordance with §10.1-104.2 of the Code of Virginia? | X | | |
| 20. Does the permittee track the total acreage of lands where turf and landscape nutrient management plans have been implemented? | X | | |
| 21. Does the permittee ensure that deicing agents applied to parking lots, roads, and sidewalks not contain urea or other forms of nitrogen or phosphorus? | X | | |
| 22. Does the permittee require that contractors use appropriate control measures and procedures for stormwater discharges to the MS4? | X | | |
| 23. Has the permittee developed a written training plan and schedule for applicable employees? | X | | |

| Pollution Prevention & Good Housekeeping for Facilities Owned or Operated by the Permittee Within the MS4 Service Area (MCM#6) | | | |
|---|------------|-----------|------------|
| Questions | Yes | No | N/A |
| 24. Does the permittee ensure that biennial training is provided to applicable field personnel in the recognition and reporting of illicit discharges? | X | | |
| 25. Does the permittee ensure that biennial training is provided to applicable employees in pollution prevention and good housekeeping practices to use during road, street, and parking lot maintenance activities? | X | | |
| 26. Does the permittee ensure that biennial training is provided to applicable employees in good housekeeping and pollution prevention to use around maintenance, public works, and recreational facilities? | X | | |
| 27. Does the permittee ensure that employees and contractors who apply pesticides and herbicides are properly trained or certified in accordance with the Virginia Pesticide Control Act (§3.2-3900 et seq. of the Code of Virginia)? | X | | |
| 28. Does the permittee ensure that employees and contractors serving as plan reviewers, inspectors, program administrators, and construction site operators have the appropriate certifications required under the VESCP law and regulations? | X | | |
| 29. Does the permittee ensure that employees and contractors implementing the stormwater program have the appropriate certifications required by the VSMP law and regulations? | | X | |
| 30. Does the permittee ensure that the appropriate emergency response employees receive training in spill response? | X | | |
| 31. Does the permittee keep documentation of each training event for at least three years following each event? | X | | |
| 32. Does the permittee keep documentation of each training event including the training date, the number of employees attending the training, and the training objective? | X | | |

Comments- Pollution Prevention and Good Housekeeping for Facilities Owned or Operated by the Permittee
Within the MS4 Service Area (MCM#6)

- Q1. Loudoun County does not have comprehensive written housekeeping procedures for activities at their own facilities (e.g. maintenance of roads, streets, parking lots; equipment maintenance; and storage and disposal of pesticides); procedures are found in individual SOPs.
- Q2. The SOPs for Spill Response and Reporting, Non-Stormwater Discharges, Pool Operation and Maintenance, and Waste Management address this. Additionally, spill response procedures are in every SOP.
- Q3. The SOPs for Waste Management, Vehicle Equipment Repair and Maintenance, and Storm Sewer Cleaning and Maintenance address this. Landscape waste is discussed in the Landscaping and Grounds Maintenance SOP.
- Q4. The County has a concise SOP for vehicle and equipment washing. Vehicles may be washed using a zero discharge system, discharge to sanitary, a mobile washing service, or a commercial carwash. Additionally the SOP allows that they be or rinsed on a grassy area away from storm drains without the use of soap (for removal of soil only).
- Q5. The housekeeping SOPs address most utility maintenance and reference dewatering to avoid discharge of sediment to the MS4. It is suggested that the SOPs include clear procedures for handling sediment discharge during waterline repair and maintenance.
- Q6. The SOP for Pollution Prevention/Good Housekeeping for Material Storage addresses this.
- Q7. The SOPs for Vehicle and Equipment Parking and Storage and Vehicle and Equipment Repair and Maintenance address this.
- Q14. No spills have occurred at Claude Moore Park during the past year.
- Q21. The County's Road, Street and Parking Lot Maintenance SOP states that only deicing agents in compliance with local, state, and federal regulations are used.
- Q31-Q32. The County should retain three years of training records separately from the MS4 annual reports.

Specific comments referenced to questions marked "No" in the checklist section above:

- Q29. All individuals inspecting SMFs must have appropriate certification per (§62.1-44.15:30.B of the Virginia Stormwater Management Act). This item has been corrected. Chris Stone completed the Inspector for Stormwater Management training on November 14, 2019. Other County Stormwater Engineers and two of the County's Engineering Technicians are provisionally certified; one Stormwater Engineer is certified. Provisional certification expires within one year of completing the coursework.

Summary of Visit to the Claude Moore Farm High Priority Municipal Facility

On September 21, 2021, DEQ staff visited the Claude More Farm High Priority Municipal Facility, which is approximately 45% impervious area, as part of the MS4 Audit. Two buildings are associated with the facility—the park and pool maintenance building. Sheet flow from the park maintenance area channelizes and discharges to Outfalls 001, 002, and 003 leading to Cabin Branch. Sheet flow from the pool maintenance area channelizes and discharges to Outfall 004, leading to Cabin Branch. Floor drains and running water are not located in the park maintenance building. Non-stormwater activities occurring on the site include washing equipment used for liming the fields and minor rinsing of vehicles. Actively used and surplus equipment is stored outside on a gravel area (See **Attachment 1**, Photo Nos. 4 and 5).

At the time of the site visit, the washing and storage of the snow plows was discussed. Loudoun County staff stated that they washed the snow plows on pads or in Leesburg or in a commercial carwash before storage during the warmer months. Loudoun County plows and applies deicing material to the park areas, the libraries, emergency service areas, and senior centers. Contractors conduct some of the snow removal. Loudoun County schools independently do their own snow removal and deicing.

Audit Recommendations:

1. **MCM #3** – If an illicit discharge entering the MS4 and state waters requires reporting to DEQ PREP, the report should indicate that a discharge is associated with the County’s MS4 system by referencing the MS4 permit number.
2. **MCM #5** – Inspection forms in the procedures should include the name and license number of the inspector.
3. **MCM #5** – Inclusion of a maintenance agreement template for privately owned SMFs within the MS4 Program Plan is recommended.
4. **MCM #5** – Due to the drainage issues, the County may consider evaluating evaluating the dry pond at Claude Moore Park since it retains water for a period greater than 48 hours after a significant rainfall.
5. **MCM #6** – Establishing comprehensive written housekeeping procedures for activities at County facilities is recommended.
6. **MCM #6** – Incorporating snow removal and deicing protocol into the written procedures is recommended.
7. **MCM #6** – Retaining three years of training records separately from the MS4 annual reports is recommended

Audit Corrective Actions:

1. **Overall Program Management** – Update the MS4 Program Plan to include all specific requirements listed in Part I.E for each MCM. (Part I.C of the MS4 General Permit). Required components that are not included in the program plan are listed below:
 - a) Procedures for the public to provide input regarding the MS4 Program Plan (**MCM #2**, Part 2.e (2)).
 - b) A description of the public involvement activities be implemented (**MCM #2**, Part 2.e (3)).
 - c) Copies of written notifications of new physical interconnections (**MCM #3**, Part 3.d (2))
 - d) IDDE Procedures (**MCM #3**, Part 3.d (3)).
 - e) Written procedures and associated inspection documents to ensure that E&S controls are properly implemented (**MCM #4**, Part 4.c (4)).
 - f) A copy of the VSMP approval letter (**MCM #5**; Part I.E.5.h (1)(a) of the MS4 General Permit)..
 - g) Written inspection procedures for private (to include maintenance agreement) and public SMFs (**MCM #5**, Parts I.E.5.h (1)(b) and I.E.h (2)(4)).
 - h) The SMF database or incorporation by reference with a location, e.g., URL address (**MCM #5**, Part I.E.5.h (6)).
 - i) Written procedures for the operations and maintenance activities (**MCM #6**, Part I.E.6.p (1)).
2. **MCM #3** – Include the name of the receiving stream for the MS4 outfalls in the map (Part I.E.3.a (1)(c) of the MS4 General Permit).
3. **MCM #5** – Update the County’s MS4 SMF database to include all information required by the Permit (Part I.E.5.d of the MS4 General Permit).

ACRONYMS

| | | |
|--------|--|---|
| B&D | | Building and Development |
| BMP | | Best Management Practice |
| CGP | | Construction General Permit |
| CUA | | Census Urbanized Area |
| DGS | | Department of General Services |
| DEQ | | The Department of Environmental Quality |
| E&S | | Erosion and Sediment |
| FY | | Fiscal Year |
| GH | | Good Housekeeping |
| GIS | | Geographical Information System |
| HOA | | Homeowner's Association |
| HUC | | Hydrologic Unit Code |
| IDDE | | Illicit Discharge Detection and Elimination |
| LEx | | Loudoun Express Request |
| LCPS | | Loudoun County Public Schools |
| MCM | | Minimum Control Measure |
| MEP | | Maximum Extent Practicable |
| MOU | | Memorandum of Understanding |
| MS4 | | Municipal Separate Storm Sewer System |
| NMP | | Nutrient Management Plan |
| NRO | | Northern Regional Office |
| PDF | | Portable Document Format |
| PP | | Pollution Prevention |
| PRCS | | Parks, Recreation, and Community Services |
| PREP | | DEQ Pollution Response Program |
| Permit | | MS4 Phase II General Permit |
| SMF | | Stormwater Management Facility |
| SOP | | Standard Operating Procedure |
| SWPPP | | Stormwater Pollution Prevention Plan |
| TMDL | | Total Maximum Daily Load |
| VESCP | | Virginia Erosion and Sediment Control Program |
| VPDES | | Virginia Pollution Discharge Elimination System |
| VSMP | | Virginia Stormwater Management Program |
| WLA | | Wasteload Allocation |

Attachment 1

DEQ Site Visit for MS4 Audit of the Loudoun County – September 21, 2021



No. 1 –Constructed Wetland on Stukely Drive in Sterling.



No. 2 -- Constructed Wetland on Stukely Drive in Sterling.



No. 3 – One-half Acre of Tree Plantings on Stukely Drive in Sterling.



No. 4 – Surplus Equipment at the Claude Moore Park Maintenance Yard.



No. 5 – Exterior Storage of Equipment at the Claude Moore Park Maintenance Yard.



No. 6 – Dry Pond at Claude Moore Park.

DEQ Site Visit for MS4 Audit of the Loudoun County – September 21, 2021



No. 7 – Land Area Accepting Sheet Flood to the Dry Pond at Claude Moore Park.



No. 8 – Dry Pond Inlet at the Claude Moore Park.



No. 9 – Receiving Stream for the Dry Pond at Claude Moore Park.



No. 10 – Bioretention Basin at Winding Branch Terrace, Sterling.



No. 11 – Bioretention Overflow (Connected to the Media).



No. 12 – Clean-Out/Observation port connected to the base of the Bioretention Basin.

DEQ Site Visit for MS4 Audit of the Loudoun County – September 21, 2021



No. 13 – Dog Waste Station at Winding Branch Terrace.



No. 14 – Wet Pond at the Sugarland Run Subdivision in Sterling.



No. 15 – Emergency Spillway from the Wet Pond in No. 14.



No. 16 – Wet Pond discharge from the Pond Noted in No. 14. Note the significant stream bank erosion.

Attachment 2

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT - LEVEL 1 (FOCUSED)

| | | | | | |
|--|-----------------------------|--|-------|------------------------------------|--------------------|
| Project Name: | Montebello Farm | | | Permit Number: | VAR100987 |
| Project Address: | 39.0222, -77.3954 | | | County/City: | Loudoun County, VA |
| Project Operator: | Pulte Home Co LLC | | | Operator Telephone: | (703) 934-1279 |
| Project Contact: | Jeff Edelman | | | Contact Telephone: | |
| Contact E-Mail: | Jeff.Edelman@PulteGroup.com | | | Qualified Personnel (QP): | |
| Inspector: | Emily Janzow | | | Weather (Wet/Dry/Rain): | Dry |
| Total Dist. Acres Permitted: | 74.17 | Est. Dist. Acres (At time of inspection): | 74.17 | Inspection Date & Time: | 10:00 9/21/21 |
| Linear Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Annual Stands. & Specs: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No VSMP Authority: <input checked="" type="checkbox"/> Locality <input type="checkbox"/> DEQ | | | | | |
| Stage of Construction: | | | | | |
| <input type="checkbox"/> Initial Clearing & Grading <input checked="" type="checkbox"/> Rough Grading <input type="checkbox"/> Building Construction <input type="checkbox"/> Final Grading | | | | | |
| <input type="checkbox"/> Construction of SWM Facilities <input type="checkbox"/> Final Stabilization <input type="checkbox"/> Notice of Termination <input type="checkbox"/> Other: _____ | | | | | |
| Nature of Project: | | | | | |
| <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Other: _____ | | | | | |
| Re-Inspection: | | | | | |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | |

| | COVERAGE & POSTING REQUIREMENTS | Yes | No | N/A | Comments/Description |
|----|--|-----|----|-----|-----------------------------------|
| 1 | Construction site has permit coverage? (Va. Code §62.1- 44.15:34.A) (9VAC25-870-310) | x | | | |
| 2 | A copy of the notice of coverage letter is posted conspicuously near the main entrance of the construction activity? (CGP Part II.D) | x | | | |
| 3 | Notice of the location of the SWPPP is posted near the site's entrance, if applicable, and information for public access is provided? (9VAC25-870-54.G)(CGP Part II E.2 & 3) | x | | | |
| | SWPPP AVAILABILITY AND CONTENTS | Yes | No | N/A | Comments/Description |
| 4 | The SWPPP is on-site or made available during the inspection? (CGP Part II E.1 & 2)(9VAC25-870-54.G) | x | | | |
| 5 | The SWPPP contains a signed copy of the registration statement? (CGP Part II B.1.a) | x | | | |
| 6 | The SWPPP includes, upon receipt, a copy of the notice of coverage letter and the CGP? (CGP Part II B.1.b & c) | x | | | |
| 7 | The SWPPP contains the name, phone number and qualifications of "Qualified Personnel" conducting inspections? (CGP Part II B.8) | | x | | See recommended corrective action |
| 8 | The SWPPP contains an approved erosion and sediment control plan? (9VAC25-870-54.B)(CGP Part II.B.2) | x | | | |
| 9 | The SWPPP contains an approved stormwater management plan or an existing construction site has a stormwater management plan? (9VAC25-870-54.C)(CGP Part II.B.3) Technical Criteria II.B <input type="checkbox"/> II.C <input type="checkbox"/> | x | | | |
| 10 | The SWPPP contains a pollution prevention plan? (9VAC25-870-54.D)(CGP Part II.B.4) | x | | | |

| | ESC AND SWM CONTROL MEASURES | Yes | No | N/A | Comments/Description |
|---|--|-----|----|-----|--|
| 11 | Sediment trapping measures are installed as a first step in the land disturbing activity? (9VAC25-840-40.4) | x | | | |
| 12 | Stabilization applied and/or established in accordance with CGP and ESC Minimum Standards? (9VAC25-840-40(1,2,3,5,7, and 15)) (9VAC25-880-60) (CGP Part I F.1(a)) (CGP Part II B.2.c.8) (CGP Part II B.5.b.1) | | x | | See recommended corrective action |
| 13 | Operable storm sewer inlets are protected from sediment laden water? (9VAC25-840-40.10) | x | | | |
| 14 | Operational stormwater conveyance channels or pipes have adequate outlet protection and channel lining? (9VAC25-840-40.11) | x | | | |
| 15 | Transport of sediment onto paved surfaces is minimized? (9VAC25-840-40.17) | x | | | |
| 16 | Are all control measures properly maintained in effective operating condition in accordance with good engineering practices and, where applicable, manufacturer specifications? (CGP Part II F.1) (9VAC25-840-60.A) | | x | | See recommended corrective action |
| 17 | For Notice of Termination, permanent SWM control measures included in the SWPPP are in place? (9VAC25-880-60) (CGP Part I F.1(a)) | | | x | |
| | POLLUTION PREVENTION PRACTICES | Yes | No | N/A | Comments/Description |
| 18 | Have discharges of spilled and leaked fuels and chemicals from vehicle fueling and maintenance activities been prevented, if applicable? (CGP Part II B.4 (e)(2)) | x | | | |
| 19 | Have discharges of soaps, solvents, detergents, and washwater from construction materials, including the clean-up of stucco, paint, form release oils, and curing compounds been prevented, if applicable? (CGP Part II B.4(e)(3)) | x | | | |
| 20 | Is concrete washwater directed into a leak-proof container or leak-proof settling basin? (CGP Part II B.4(e)(5)) | | | x | Concrete work was not observed at the time of the inspection. |
| | SITE EVALUATION AND AGENCY RECOMMENDATION | Yes | No | N/A | Request for Corrective Action attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Comments/Description |
| 21 | Are measures in place that have prevented or minimized actual or potential impacts occurring at the site or along the perimeter and at outfall locations? | x | | | |
| 22 | VA DEQ's Risk Based Inspection Strategy has been satisfied. No local VSMP Authority or comprehensive DEQ re-inspection is required at this time. | | x | | Referred to Locality: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 23 | Site inspection results are such that immediate or subsequent recommendation for issuance of a Warning Letter or Notice of Violation is NOT required. | x | | | |
| <p>Be advised that this inspection is focused on portions of the applicable statutory and regulatory requirements only. The purpose of the inspection is to assess the general condition and compliance level of the construction site and to evaluate the need for a more comprehensive inspection by DEQ or the local VSMP, as applicable, or the presence of actual or potential adverse impacts. The inspector's report is limited to the day, time, and specified statutory and regulatory requirements identified in the Report and Request for Corrective Action, if attached. Although some statutory or regulatory components may not be covered by this inspection report your responsibilities as the owner/operator are to comply with all applicable statutory and regulatory requirements.</p> | | | | | |

Inspector Signature: Emily Janzow Date: 9/21/2021

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT

REQUEST FOR CORRECTIVE ACTION

| Checklist # | Regulatory Citation/Legal Requirement ¹ | Occurrence | Observation/Recommended Corrective Action |
|-------------|--|------------|--|
| 7 | (CGP Part II B.8) | 1 | <p>Observation: During the inspection the contact information and qualifications were not listed in the SWPPP.</p> <p><u>Recommended Corrective Action:</u> Permit Part II B.8 states: "Identification of qualified personnel. The name, phone number, and qualifications of the qualified personnel conducting inspections required by this general permit."</p> |
| 12 | (9VAC25-840-40(1,2,5)) (9VAC25-880-60) (CGP Part I F.1(a)) (CGP Part II B.2.c.8) (CGP Part II B.5.b.1) | 1 | <p>Observation: During the inspection the following areas were observed without stabilization.</p> <ul style="list-style-type: none"> The banks of sediment basin 1 The slope behind SB 2 needs stabilization Stabilization is needed on the stockpile The side slopes on the west side of the site up slope of ST4 <p><u>Recommended Corrective Action:</u></p> <p>9VAC25-840-40(1) states: "Permanent or temporary soil stabilization shall be applied to denuded areas within seven days after final grade is reached on any portion of the site. Temporary soil stabilization shall be applied within seven days to denuded areas that may not be at final grade but will remain dormant for longer than 14 days. Permanent stabilization shall be applied to areas that are to be left dormant for more than one year."</p> <p>9VAC25-840-40(2) states: "During construction of the project, soil stock piles and borrow areas shall be stabilized or protected with sediment trapping measures. The applicant is responsible for the temporary protection and permanent stabilization of all soil stockpiles on site as well as borrow areas and soil intentionally transported from the project site."</p> <p>9VAC25-840-40(5) states: "Stabilization measures shall be applied to earthen structures such as dams, dikes and diversions immediately after installation."</p> <p>Permit Part II(B)(2)(c)(8) states: "A properly implemented erosion and sediment control plan... ensures that stabilization of disturbed areas will be initiated immediately whenever any clearing, grading, excavating, or other land-disturbing activities have been permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 days..."</p> |
| 16 | (CGP Part II F.1) (9VAC25-840-60.A) | 1 | <p>Observation: During the inspection the following maintenance items were observed:</p> <ul style="list-style-type: none"> It appears that flow from the channel above SB 1 has flowed around the practice along the SSF and erosion of the slope has resulted. |

¹ Refers to applicable regulation found in the most recent publication of the State Water Control Law (Va. Code § 62.1-44.2 et seq.), Virginia Erosion and Sediment Control Regulations (9VAC25-840), the Virginia Stormwater Management Program (VSMP) Regulations (9VAC25-870), or the General VPDES Permit for Discharges of Stormwater from Construction Activities (9VAC25-880).

| | | | |
|--|--|--|--|
| | | | <ul style="list-style-type: none"> The SW channel and check dams on the East side (closest to neighboring houses) need maintenance. Additionally, the channel is not well defined and water flowing to the area is wearing away at the base where SF is entrenched. SF was observed tipping over in the area downstream of the channel-re-staking is needed. On the banks of SB2 deep rill erosion was observed Sediment was observed in the storm sewer pipe located across from the CE on W. Frederick Drive SB 6- Erosion observed by the riser structure on the bank ST3- the outfall was no longer connected A water seep was observed down the slope between ST 3 and ST4 The SW channel above ST4 was observed washed out, sediment was caked in the check dams. Some check dams were also observed washed out. <p><u>Recommended Corrective Action:</u></p> <p>9VAC25-840-40 (9) states: "Whenever water seeps from a slope face, adequate drainage or other protection shall be provided."</p> <p>Permit Part II(F)(1) states in part: "All control measures must be properly maintained in effective operating condition in accordance with good engineering practices and, where applicable, manufacturer specifications."</p> <p>9 VAC 25-840-60(A) states in part: "All erosion and sediment control structures and systems shall be maintained, inspected and repaired as needed to insure continued performance of their intended function..."</p> <p>9 VAC 25-870-54(B) states in part: "An erosion and sediment control plan consistent with the requirements of the Virginia Erosion and Sediment Control Law and regulations must be designed and implanted during construction activities."</p> |
|--|--|--|--|

Comments: DEQ met with Robert Wessel-Pulte, Dan Fisk- WSSI, Steven Pickeral, Greg Glass, and Ross Kline - Loudoun County Inspectors, and members of the Loudoun County stormwater department. Loudoun county and Pulte will work together to find solutions to resolve ST3 no longer having a functional outfall and the water seep observed between ST3 and ST4. Loudoun County will conduct the reinspection.

Recommended Corrective Action Deadline: 9/29/21

Targeted Re-Inspection Date: TBD by Loudoun County

The recommended corrective action deadline date applies to all conditions noted on this report unless otherwise noted. If listed condition(s) currently constitute non-compliance and/or corrective actions are not completed by the deadline, other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector Signature: Emily Janzow Date: 9/21/2021

CONSTRUCTION GENERAL PERMIT SITE INSPECTION PHOTO LOG

Fig. 1 Description: Sediment Basin 2 banks observed without stabilization.



Fig. 2 Description: Rill erosion observed on the banks of SB#2



Fig. 3 Description: Stock pile needs stabilization.



Fig. 4 Description: Slope located in the corner of the site behind SB#2



Fig. 5 Description: ST#3 pipe outlet is no longer connected



Fig. 6 Description: SW channel above ST#4 observed with erosion, sedimentation in check dams and some check dams blown out.



Fig. 7 Description: Slope to the left of SW channel if figure 6- needs stabilization



Fig. 8 Description: Sediment observed in SW pipe





Loudoun County, Virginia

Department of General Services

801 Sycolin Road S.E., P.O. Box 7100, Leesburg, VA 20177-7100

Phone: (703) 771-5552 Fax: (703) 737-8008

Anna Tuthill
NRO Regional MS4 Coordinator/Inspector
Virginia Department of Environmental Quality
Norther Virginia Regional Office
13901 Crown Court
Woodbridge, VA 22193

November 29, 2021
(via email)

Subject: Loudoun County Responses to the Virginia Pollutant Discharge Elimination System
MS4 Registration No. VAR040067 Loudoun County FY2021 Ms4 Audit

Mrs. Tuthill,

The Loudoun County Department of General Services has reviewed the DEQ MS4 Audit of the Loudoun County MS4 program, dated October 26, 2021. Attached are the Loudoun County responses to DEQ's audit recommendations and audit corrective actions.

Sound you have any further questions or comments, please feel free to contact me.

Sincerely,

Chris Stone
Chief, Stormwater Management
chris.stone@loudoun.gov
571.258.3542

Audit Recommendations:

1. MCM #3 – If an illicit discharge entering the MS4 and state waters requires reporting to DEQ PREP, the report should indicate that a discharge is associated with the County's MS4 system by referencing the MS4 permit number.

Loudoun County Response:

- DGS will review this request with the Fire Marshall's office.
2. MCM #5 – Inspection forms in the procedures should include the name and license number of the inspector.

Loudoun County Response:

- The name and certification number of the inspector conducting the inspection will be added to our field inspection form templates. The same information will be added to the digital version of the inspection report.
 - The BMP inspections for the current permit cycle (July 1, 2021 to June 30, 2022) have already begun so we may not be able to incorporate these changes into this inspection cycle. However, we will make every effort to get these incorporated in the next round of inspections.
3. MCM #5 – Inclusion of a maintenance agreement template for privately owned SMFs within the MS4 Program Plan is recommended.

Loudoun County Response:

- The Loudoun County stormwater program currently has two types of maintenance agreements. The *"Agreement for Maintenance of a Stormwater Management Pond"* is required for all wet ponds that the county maintains. The *"Facilities Maintenance Performance Agreement"* is required for all manufactured filtration BMPs. Both agreement templates have been added to the Program Plan via hyperlink.
4. MCM #5 – Due to the drainage issues, the County may consider evaluating the dry pond at Claude Moore Park since it retains water for a period greater than 48 hours after a significant rainfall.

Loudoun County Response:

- We reviewed the plans for this BMP and have noted that this pond is an enhanced extended detention dry pond with a designed permanent pool. Additionally, we reviewed the last inspection report and the pond was found to be functioning as designed and there were no significant maintenance items noted.

5. MCM #6 – Establishing comprehensive written housekeeping procedures for activities at County facilities is recommended.

Loudoun County Response:

- The county has already established written housekeeping procedures for activities at county facilities. These are reviewed annually to determine if they need to be updated.
6. MCM #6 – Incorporating snow removal and deicing protocol into the written procedures is recommended.

Loudoun County Response:

- Deicing is covered in the Loudoun County Road, Street, and Parking Lot Maintenance SOP, version 3, dated November 2019.
7. MCM #6 – Retaining three years of training records separately from the MS4 annual reports is recommended.

Loudoun County Response:

- Loudoun County already keeps the training records separate from the annual reports. A sign in sheet is generated for each training session. After the class, the sheet is scanned and saved on the stormwater server.

Audit Corrective Actions:

1. Overall Program Management – Update the MS4 Program Plan to include all specific requirements listed in Part I.E for each MCM. (Part I.C of the MS4 General Permit). Required components that are not included in the Program Plan are listed below:
 - a. Procedures for the public to provide input regarding the MS4 Program Plan (MCM #2, Part 2.e (2)).

Loudoun County Response:

- These procedures are identified in the memorandum "*Procedures for Public Involvement and Participation in the Stormwater Program*", dated August 21, 2019. Specifically, Procedures section, number 2.
- This memo was added to the Program Plan via a hyperlink.

- b. A description of the public involvement activities to be implemented (MCM #2, Part 2.e (3)).

Loudoun County Response:

- The Program Plan (BMP 2C) has been revised to include the public involvement activities. The revised Program Plan will be updated on the Stormwater website.

- c. Copies of written notifications of new physical interconnections (MCM #3, Part 3.d (2))

Loudoun County Response:

- These letters have been distributed for permit year 4 and they will be linked to the Program Plan via hyperlink.

- d. IDDE Procedures (MCM #3, Part 3.d (3)).

Loudoun County Response:

- The written IDDE Procedures were already included by reference in Appendix A of the Program Plan. The IDDE Procedures have been linked to the document via a hyperlink.

- e. Written procedures and associated inspection documents to ensure that E&S controls are properly implemented (MCM #4, Part 4.c (4)).

Loudoun County Response:

- The Loudoun County E&S enforcement document, "*Erosion and Sediment Control Program Enforcement Protocol*", dated August 19, 2010, has been added to the Program Plan via a hyper link.

- f. A copy of the VSMP approval letter (MCM #5; Part I.E.5.h (1)(a) of the MS4 General Permit).

Loudoun County Response:

- Here is a quote from an email sent by Ms. Tuthill from DEQ on November 22, 2021. "*Loudoun County is on the list of approved VSMPs. Therefore, it is satisfactory if you send the package [audit response package] without the letter*".

- g. Written inspection procedures for private (to include maintenance agreement) and public SMFs (MCM #5, Parts I.E.5.h (1)(b) and I.E.h (2)(4)).

Loudoun County Response:

- The “*Stormwater BMP Facility Inspection and Maintenance Procedure*”, dated August 21, 2019, has been added to the Program Plan via a hyperlink.
 - The county maintenance agreement templates, mentioned earlier, have been added as well.
- h. The SMF database or incorporation by reference with a location, e.g., URL address (MCM #5, Part I.E.5.h (6)).

Loudoun County Response:

- The BMP database has been added to the Program Plan via a hyperlink.
- i. Written procedures for the operations and maintenance activities (MCM #6, Part I.E.6.p (1)).

Loudoun County Response:

- The Loudoun County operations and Maintenance SOPs were incorporated into the Program Plan by reference. They have now been linked via a hyperlink.

2. MCM #3 – Include the name of the receiving stream for the MS4 outfalls in the map (Part I.E.3.a (1)(c) of the MS4 General Permit).

Loudoun County Response:

- We have decided to change our system map from a hard copy paper (pdf) map to an online version. A link to that map has been added to the stormwater website and into the Program Plan.
- The new online map has the name of the receiving stream.

3. MCM #5 – Update the County’s MS4 SMF database to include all information required by the Permit (Part I.E.5.d of the MS4 General Permit).

Loudoun County Response:

- The BMP database has been added to the Program Plan via a hyperlink.

Appendix C

Nutrient Credit Purchase

EXHIBIT A - BILL OF SALE
Nonpoint Nutrient Offset Credits

BILL OF SALE, made as of May 18, 2022, by **COLD SPRING, LLC**, a Virginia limited liability company ("Seller"), to **COUNTY OF LOUDOUN, VIRGINIA** ("Purchaser").

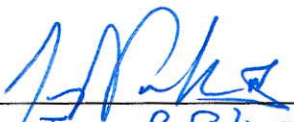
WHEREAS, Seller and Purchaser have entered into that certain Agreement for Purchase and Sale of Nutrients Mitigation Credits, dated as of April 12, 2022 (the "Purchase Agreement", the terms of which are incorporated herein by reference and made a part hereof), with respect to the sale by Seller and purchase by Purchaser of Compensatory Nutrient Mitigation Credits held in Seller's Nonpoint Nutrient Offset Bank in August County, Virginia.

NOW THEREFORE, for and in consideration of the payment of the Purchase Price (as defined in the Purchase Agreement) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Seller hereby sells, transfers, assigns, conveys, delivers and sets over to Purchaser, its successors and assigns, **30 Nutrient Credits** ("Credits") as such are described in the Purchase Agreement.

TO HAVE AND TO HOLD all such Nutrient Credits hereby sold and transferred to Purchaser and its successors and assigns forever.

IN WITNESS WHEREOF, Seller has caused this Bill of Sale to be executed by its duly authorized representative as of the date first above written.

COLD SPRING, LLC,
a Virginia limited liability company

By: 
Name: James R. Parker, IV
Its: Manager

Project Name: Loudoun County Municipal Separate Storm Sewer System

Project/Plan #:

Applicant: County of Loudoun, Virginia

Phosphorous Offsets: 30

Associated Nitrogen Offsets: 98.28

Associated Sediment Offsets: 47,811.62

EXHIBIT B

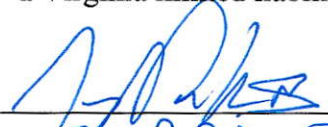
AFFIDAVIT OF PHOSPHORUS OFFSET SALE

COLD SPRING, LLC, a Virginia limited liability company ("Seller"), hereby certifies the following:

1. Pursuant to that certain Agreement for Purchase and Sale of Nutrients Mitigation Credits, dated as of April 12, 2022 (the "Purchase Agreement", the terms of which are incorporated herein by reference and made a part hereof) between Seller and **COUNTY OF LOUDOUN, VIRGINIA** ("Purchaser"), Seller, for the benefit of the Purchaser, agreed to sell 30 pounds of nonpoint source phosphorus offsets (the Nutrient Credits) to Purchaser and retire the associated ratio of nonpoint source nitrogen and sediment offsets at the offset generating facility in the amounts of 98.28 pounds of nitrogen offsets and 47,811.62 pounds of sediment offsets.
2. Seller and Purchase, as of the date hereof, have the closed the transaction contemplated by the Agreement and the Seller has sold to Purchaser the phosphorus offsets.

WITNESS the following signature:

COLD SPRING, LLC,
a Virginia limited liability company

By: 
Name: James R. Parker, IV
Title: Manager

Sworn to and subscribed before me this 18 day of May, 2022, by James R. Parker, IV
Manager, on behalf of the COLD SPRING, LLC, a Virginia limited liability company.

My commission expires: March 31, 2026

City/County of: Richmond

Margaret G. Mooney, Notary Public
Notary Public

Project Name: Loudoun County Municipal Separate Storm Sewer System

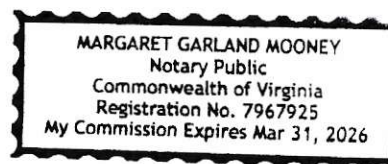
Project/Plan #:

Applicant: County of Loudoun, Virginia

Phosphorous Offsets: 30

Associated Nitrogen Offsets: 98.28

Associated Sediment Offsets: 47,811.62



Appendix D

Clean Water Partners



Northern Virginia Clean Water Partners

Annual Summary of Results

July 1, 2021 - June 30, 2022

Polluted stormwater runoff is the number one cause of poor water quality in Northern Virginia's streams and rivers. 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 behavior through an ongoing public education campaign.

About the Partnership

The Northern Virginia Clean Water Partners 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 2022 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**

2022 Campaign Overview

The Northern Virginia Clean Water Partners identified the following water quality issues to highlight in their 2022 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.

To expand outreach and engagement, the 2022 campaign also included several new social marketing tools, including:

- A "Clean Water Pledge" on onlyrain.org for participants to adopt a new clean water behavior
- New "made for social media" psa's for target audiences on Facebook and Twitter
- A quarterly e-newsletter
- A Facebook Group for people to interact and connect on reducing stormwater runoff

Social Media

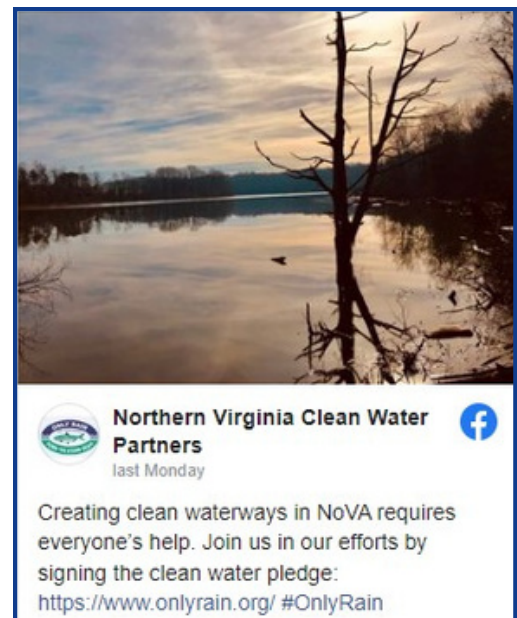
The Clean Water Partners created Facebook and Twitter accounts as a part of their 2020 campaign strategy.

Since July 1, 2021, the Facebook page has gained 120 new followers for a total of 403 current followers. During the campaign year, the page had 405 posts, 29,216 post engagements, and 12,740 post link clicks. The Clean Water Partners Facebook Group also gained 53 members.

The Twitter account currently has 131 followers, with 50 new followers since July 1, 2021. Over the year, the account had 408 tweets, 1,051 tweet engagements, and 68 link clicks.

Video Advertisements

The campaign continued to reach residents through a series of video advertisements that focused on residential stormwater management actions. In 2022, the campaign aired two public service announcements (one in English and one in Spanish) on a combination of English and Spanish language networks for a total of 820,154 impressions, or views.



Key Facts and Figures for 2022

- **3,984** visits to OnlyRain.org
- **500** Stormwater Survey responses
- **32** Clean Water Pledges
- **820,154** Premium digital TV impressions* (cable network ads)
- **1,257,502** Total social media impressions* (Facebook and Twitter)
- **30,267** Engagements with social media posts (Facebook and Twitter)

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



It's best to think twice before you use salt to de-ice this season. Winter salt can easily runoff into our waterways causing problems for our friends downstream. Learn what you can use instead: onlyrain.org #OnlyRain



Top reaching Facebook post of the campaign year

Annual Stormwater Survey

Survey Goal

The Clean Water Partners conduct an annual online survey of 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

Only 37% of Northern Virginia residents believe that they live within the Potomac River Watershed, representing a 7% decrease from 2020. 28% of residents are not sure if they live in the watershed and 7% do not know what a watershed is.

When asked where stormwater eventually ends up, 61% of residents responded that it goes to the Potomac River or Chesapeake Bay, while nearly half believe that it goes to a wastewater treatment plant (27%) or do not know where it ends up (18%). Responses to this question have been consistent since 2019.

Overall, results relating to resident knowledge indicate a need for more general education on the Chesapeake Bay watershed and how stormwater runoff ends up in its waterways.

Information and Advertising

Nearly one-third (32%) of residents in 2022 reported that they have seen or received at least some form of information about reducing water pollution in the past 12 months. 24% have heard of specific opportunities to participate in water quality improvement activities, such as stream clean ups and storm drain stenciling.

28% of residents recalled viewing a Clean Water Partners ad on TV, Facebook, or Twitter prior to taking the survey. While similar to 2021 (29%), this response represents a significant increase from 2020 (22%).

After viewing an ad, 42% of residents stated that they now pick up pet waste more often, 37% plan to fertilize less frequently, 12% now properly dispose of motor oil, and 40% were already taking action to reduce water pollution.

When shown the "only rain down the storm drain" fish logo, 66% of residents reported seeing the logo prior to the survey. While over 50% of residents have recognized the logo each year since 2013, the 2022 response was the highest so far with a 5% increase from 2021. This result highlights a growing awareness of the campaign in recent years through new advertising and engagement efforts.



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.



As in 2021, nearly half (48%) of residents reported owning a dog. Of those that walk their dog, 70% stated that they always pick up their dog's waste, while 4% rarely or never pick up the waste.

When asked why they pick up their dog's waste, 32% of residents selected that "it's what good neighbors do" and 21% responded that their actions were due to city or county ordinances. Although there was a slight increase from 2021 (14%), only 17% of residents noted picking up their pet's waste because it causes water pollution.

Based on the percentage of new dog owners in recent years, these results underscore the need and opportunity for further outreach and education around pet waste impacts on local waterways.



77% of residents with a lawn or garden reported fertilizing their lawn at least once a year. Similar to 2021, 21% of residents fertilize twice a year, compared to those that only fertilize in the spring (16%) or in the fall (6%). Notably, 12% stated that they use a lawn care service, indicating that they also fertilize at least once a year.

For those that cut their own grass, only 28% of residents keep their grass clippings on their lawn or garden. 50% bag their clippings and either recycle them (27%) or put them in the regular trash (23%). Future engagement with lawn and garden owners might include information about the various benefits of leaving grass clippings in the yard.



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. While there was a decline in those that had heard of each feature from 2021, there were increases in those reporting that they had seen the features in the neighborhood and were interested in getting one. Specifically, from 2021, there was a 5% increase in those interested in having some form of conservation landscaping on their property.

To build on greater levels of interest, the campaign could provide further resources and opportunities to support residents in obtaining and maintaining these features in the future.





Two-thirds (67%) of residents know if their locality has a specific location to drop off household hazardous waste. Responses to this question have consistently remained above 60% since 2018.



The majority of residents (75%) reported going to an auto center for an oil change or taking their old motor oil to a gas station or hazmat facility for recycling (10%). However, similar to past years, nearly 10% of residents 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.

50% of residents reported that they wash their car or truck at least every other month, with 14% washing it multiple times a month. In particular, there has been a continuous annual increase in residents that wash their automobiles at home (30% in 2018 versus 43% in 2022) and decrease in those that take their car to a carwash (45% in 2018 and 36% in 2022). For those that wash their cars or trucks at home, about half (52%) stated that they use environmentally friendly detergent, while 10% solely use water.

With an increasing number of residents washing their automobiles at home, related engagement should be centered around safe washing practices or encouragement to go to a carwash where dirty water is sent to a wastewater treatment plant.



Next Steps

Through a combination of social media, TV, and the Only Rain website, the 2022 campaign was able to reach a broad span of Northern Virginia residents around stormwater runoff and pollution. New social marketing features, such as the quarterly e-newsletter, further advanced the campaign's messaging and outreach goals.

The 2023 campaign will aim to build off of current momentum and continue to integrate fresh tools to engage residents around various stormwater issues. The next campaign year will include:

- A new campaign video
- Enhanced social media content strategies, such as a "spot the stormdrain sticker" contest
- Monthly partner highlights
- And more!

Northern Virginia Clean Water Partners 2022 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

Only **37%** of residents believe that they live in the Potomac River Watershed. **7%** do not know what a watershed is.



Where does stormwater go?

Nearly **2/3** of residents think stormwater ends up in the Chesapeake Bay. About **1/4** think it goes to a wastewater treatment plant.



of residents have heard of rain gardens and conservation landscaping, while nearly **1/2** have heard of a rain barrel.



of dog owners pick up their pet's waste due to neighborly responsibilities. Only **17%** pick up pet waste because it causes water pollution.

Automobile Behaviors

3/4 of residents take their car to an auto center for an oil change. Only about **1/3** take their car to a commercial carwash.

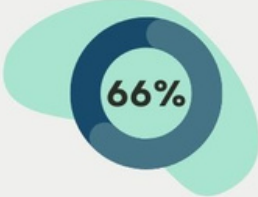


Lawn Fertilizer Practices

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



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



of residents recognize the Clean Water Partners logo!

Additional Information

Website: onlyrain.org

Facebook: facebook.com/NVCWP

Twitter: twitter.com/nova_cwp

Contact: Rebecca Murphy

Coastal Program Manager

rmurphy@novaregion.org

703-642-4625

3040 Williams Drive, Suite 200

Fairfax, VA 22031



2022 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 | Northern Virginia Soil and Water Conservation District

This summary was produced by Northern Virginia Regional Commission on behalf of the 2022 Clean Water Partners.



Appendix E

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 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 57.99 | PL21 | -77.36119892 | 39.0293769 |
| AB109 | 2.747865 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 73.00 | PL21 | -77.36147364 | 39.02554428 |
| AB1200 | 89.114605 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 39.96 | PL21 | -77.38208948 | 39.04440435 |
| AB1211 | 7.473138 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 51.80 | PL21 | -77.38160385 | 39.04784662 |
| AB1227 | 1.209761 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 56.79 | PL21 | -77.38022605 | 39.04826559 |
| AB1231 | 2.158107 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 76.49 | PL21 | -77.37967861 | 39.04603912 |
| AB1236 | 2.757412 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 62.27 | PL21 | -77.37887102 | 39.04647598 |
| AB124 | 1.616600 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 74.71 | PL21 | -77.36115729 | 39.03212817 |
| AB1260 | 19.173763 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 34.85 | PL21 | -77.37707226 | 39.0468964 |
| AB1307 | 26.768929 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 62.27 | PL21 | -77.38596242 | 39.03169801 |
| AB1373 | 3.624742 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 53.16 | PL21 | -77.38143768 | 39.03044388 |
| AB1375 | 4.180294 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 79.43 | PL21 | -77.382082 | 39.03117401 |
| AB1377 | 0.785271 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 66.25 | PL21 | -77.38118848 | 39.03124486 |
| AB1411 | 0.634581 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 99.57 | PL21 | -77.38498293 | 39.02720099 |
| AB1414 | 0.661578 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 59.67 | PL21 | -77.38520784 | 39.0279874 |
| AB1419 | 1.947180 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 75.89 | PL21 | -77.38591437 | 39.02670617 |
| AB142 | 2.662957 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 65.17 | PL21 | -77.36125261 | 39.03275497 |
| AB1422 | 3.537836 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 68.05 | PL21 | -77.3872538 | 39.02656988 |
| AB1444 | 37.869278 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 37.33 | PL21 | -77.3858926 | 39.02889333 |
| AB1458 | 1.649641 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 68.62 | PL21 | -77.38163115 | 39.02774807 |
| AB1475 | 3.108022 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 77.66 | PL21 | -77.38052513 | 39.02713268 |
| AB1482 | 2.343479 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 54.27 | PL21 | -77.37924291 | 39.02787429 |
| AB1489 | 5.143787 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 80.01 | PL21 | -77.38109447 | 39.02965755 |
| AB149 | 9.313605 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 81.30 | PL21 | -77.36205102 | 39.03353104 |
| AB1491 | 1.517072 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 75.51 | PL21 | -77.38084221 | 39.02872739 |
| AB1493 | 2.178457 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 86.82 | PL21 | -77.38182062 | 39.02886172 |
| AB1495 | 1.701857 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 78.35 | PL21 | -77.37953714 | 39.02955752 |
| AB1500 | 3.062969 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 57.68 | PL21 | -77.37956803 | 39.03039134 |
| AB1509 | 39.853026 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 52.09 | PL21 | -77.37929027 | 39.03305579 |
| AB1512 | 0.460481 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 76.93 | PL21 | -77.37757978 | 39.03050683 |
| AB153 | 2.942631 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 87.87 | PL21 | -77.36307798 | 39.03449357 |
| AB1532 | 0.445320 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 64.69 | PL21 | -77.37767608 | 39.02880819 |
| AB1535 | 0.413494 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 61.97 | PL21 | -77.37743804 | 39.02887517 |
| AB154 | 21.807541 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 76.90 | PL21 | -77.36108543 | 39.03530799 |
| AB1549 | 2.209738 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_CHURCH | 19.01 | PL21 | -77.35493598 | 39.04077163 |
| AB1551 | 0.853226 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 0.11 | PL21 | -77.35137604 | 39.03751829 |
| AB1569 | 21.290848 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 97.65 | PL21 | -77.37540557 | 39.04848069 |
| AB1761 | 3.109619 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 66.63 | PL21 | -77.38447781 | 39.02668599 |
| AB1766 | 6.526958 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 87.21 | PL21 | -77.38291445 | 39.02660138 |
| AB191 | 2.994613 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 77.94 | PL21 | -77.36286595 | 39.03673933 |
| AB1913 | 17.259695 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 68.10 | PL21 | -77.37778647 | 39.01651113 |
| AB1935 | 17.220228 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 42.72 | PL21 | -77.37705785 | 39.01867906 |
| AB1947 | 0.165531 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OFFICE_GENERAL | 43.33 | PL21 | -77.37517908 | 39.01842915 |
| AB1955 | 2.143500 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 53.67 | PL21 | -77.3742794 | 39.01811037 |
| AB1956 | 1.429875 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 58.68 | PL21 | -77.37490351 | 39.01714225 |
| AB1982 | 6.496608 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 91.31 | PL21 | -77.37348512 | 39.01661252 |
| AB1986 | 2.277885 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MISC | 63.92 | PL21 | -77.37203039 | 39.01599551 |
| AB2015 | 6.645809 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_CHURCH | 94.41 | PL21 | -77.37966256 | 39.01725703 |
| AB2022 | 5.024016 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 33.11 | PL21 | -77.37917433 | 39.01637551 |
| AB2032 | 0.243801 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 100.00 | PL21 | -77.37759754 | 39.01476083 |
| AB2033 | 14.239984 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 99.07 | PL21 | -77.37519015 | 39.01502535 |
| AB2049 | 1.173753 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 100.00 | PL21 | -77.37623678 | 39.01405793 |
| AB2052 | 0.106972 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 100.00 | PL21 | -77.37646457 | 39.01402383 |
| AB23 | 17.773685 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 54.37 | PL21 | -77.36323433 | 39.02442134 |
| AB257 | 8.425504 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 46.16 | PL21 | -77.36021256 | 39.03874602 |
| AB267 | 4.134121 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 43.41 | PL21 | -77.36151881 | 39.03854589 |
| AB273 | 7.894237 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_NON_PUBLIC | 35.64 | PL21 | -77.3608972 | 39.04055691 |
| AB3018 | 1.208543 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 52.65 | PL19 | -77.48426845 | 39.02525574 |
| AB3021 | 5.884108 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 46.42 | PL19 | -77.48345171 | 39.02477024 |
| AB3056 | 11.144166 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.30 | PL19 | -77.48466859 | 39.02320382 |

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 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 36.69 | PL19 | -77.48201451 | 39.02270227 |
| AB3101 | 0.590035 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 52.85 | PL19 | -77.48281254 | 39.02127066 |
| AB3109 | 2.361069 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.02 | PL19 | -77.48406985 | 39.02169367 |
| AB3127 | 8.199570 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.54 | PL19 | -77.48794325 | 39.02149046 |
| AB3134 | 2.565196 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.79 | PL19 | -77.48583339 | 39.02152316 |
| AB3141 | 3.576840 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.44 | PL19 | -77.48632868 | 39.02017393 |
| AB3144 | 3.501528 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 75.11 | PL19 | -77.48692385 | 39.01961817 |
| AB3147 | 2.980198 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 54.89 | PL19 | -77.48741952 | 39.02255002 |
| AB3193 | 5.511019 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.50 | PL19 | -77.48859506 | 39.02010971 |
| AB3195 | 0.187824 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.29 | PL19 | -77.48801307 | 39.01884866 |
| AB3197 | 2.987143 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 53.49 | PL19 | -77.48859282 | 39.01797269 |
| AB3209 | 1.895448 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 62.97 | PL19 | -77.48721412 | 39.01838832 |
| AB3214 | 2.199689 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 92.45 | PL19 | -77.48922614 | 39.01818361 |
| AB3218 | 1.674677 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 75.94 | PL19 | -77.49011696 | 39.01840156 |
| AB3224 | 1.608825 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.40 | PL19 | -77.48749766 | 39.01756747 |
| AB3237 | 6.953903 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.88 | PL19 | -77.48884355 | 39.01671514 |
| AB3238 | 2.229782 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.62 | PL19 | -77.4881386 | 39.0156326 |
| AB3249 | 2.318441 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 86.18 | PL19 | -77.48810822 | 39.0170564 |
| AB3291 | 12.950265 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_CHURCH | 39.92 | PL19 | -77.49027956 | 39.01571561 |
| AB3325 | 22.895238 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 42.05 | PL19 | -77.49281084 | 39.01646365 |
| AB3330 | 0.148884 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 1.18 | PL19 | -77.49218522 | 39.01851432 |
| AB3333 | 7.895737 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 43.24 | PL19 | -77.49364071 | 39.01757176 |
| AB3341 | 2.177254 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 34.97 | PL19 | -77.49412821 | 39.01840315 |
| AB3348 | 1.370276 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.03 | PL19 | -77.49202881 | 39.01913875 |
| AB3350 | 3.102961 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 76.17 | PL19 | -77.49326894 | 39.01961923 |
| AB3358 | 2.960639 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 84.27 | PL19 | -77.49148065 | 39.01946957 |
| AB3370 | 4.175494 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.19 | PL19 | -77.49153293 | 39.01991558 |
| AB3390 | 0.876603 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 26.44 | PL19 | -77.47825041 | 39.00247837 |
| AB3391 | 0.698567 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 1.55 | PL19 | -77.47979365 | 39.00302813 |
| AB3392 | 0.129257 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 0.57 | PL19 | -77.48095646 | 39.00341695 |
| AB3393 | 0.140599 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 0.56 | PL19 | -77.48150637 | 39.00356584 |
| AB3394 | 2.148517 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 36.96 | PL19 | -77.48281091 | 39.00458302 |
| AB3395 | 4.057978 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 36.38 | PL19 | -77.48512243 | 39.00368518 |
| AB3398 | 0.109311 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | PUBLIC | 0.43 | PL19 | -77.47611956 | 39.00152619 |
| AB3400 | 17.069537 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 64.15 | PL17 | -77.47945228 | 38.99514576 |
| AB3402 | 3.180013 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_DATA_CENTER | 100.00 | PL17 | -77.48742845 | 39.00314995 |
| AB3403 | 4.952749 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_DATA_CENTER | 99.82 | PL17 | -77.48637194 | 39.00329051 |
| AB3404 | 0.748602 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_DATA_CENTER | 100.00 | PL17 | -77.48576779 | 39.00241134 |
| AB3406 | 10.662758 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_DATA_CENTER | 100.00 | PL17 | -77.48396814 | 39.00214566 |
| AB3474 | 3.044846 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.24 | PL19 | -77.49521563 | 39.0254824 |
| AB3484 | 11.944405 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.59 | PL19 | -77.49444831 | 39.02754285 |
| AB3507 | 3.064338 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 72.37 | PL19 | -77.49424316 | 39.02968693 |
| AB3510 | 1.169732 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.35 | PL19 | -77.49480732 | 39.02895342 |
| AB3522 | 7.279815 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 58.59 | PL19 | -77.49160741 | 39.02881289 |
| AB3533 | 5.101504 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 34.60 | PL19 | -77.49224504 | 39.03013249 |
| AB3546 | 1.844901 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.28 | PL19 | -77.49465248 | 39.03107053 |
| AB3552 | 3.261268 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.87 | PL19 | -77.49414085 | 39.03162447 |
| AB3556 | 1.272720 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.19 | PL19 | -77.49448488 | 39.03285558 |
| AB356 | 0.368217 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 57.59 | PL21 | -77.36198441 | 39.04336556 |
| AB3571 | 3.829233 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 20.28 | PL19 | -77.49367956 | 39.03306922 |
| AB3577 | 10.069114 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 38.15 | PL19 | -77.50162529 | 39.03132986 |
| AB358 | 0.611796 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 60.41 | PL21 | -77.36171798 | 39.04255779 |
| AB360 | 1.181752 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 56.77 | PL21 | -77.3618011 | 39.04153999 |
| AB3625 | 6.367238 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 77.58 | PL19 | -77.49775101 | 39.02952212 |
| AB3627 | 1.995505 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.13 | PL19 | -77.49878481 | 39.02950544 |
| AB3637 | 4.647361 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 83.57 | PL19 | -77.49804827 | 39.02795931 |
| AB3688 | 2.792474 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.21 | PL19 | -77.49938245 | 39.02822733 |
| AB3689 | 31.658707 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 44.50 | PL19 | -77.50292656 | 39.02743964 |
| AB3691 | 16.729703 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.15 | PL19 | -77.50483323 | 39.02971973 |
| AB3738 | 4.382827 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.41 | PL19 | -77.50497749 | 39.03144124 |

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 |
|--------|-----------------|-------------|----------|--|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| AB3741 | 14.287974 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 51.02 | PL19 | -77.50686856 | 39.03318964 |
| AB3753 | 10.116777 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 58.44 | PL19 | -77.50859152 | 39.03027583 |
| AB3775 | 4.079354 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 80.67 | PL19 | -77.50315821 | 39.03195569 |
| AB39 | 1.906613 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 63.14 | PL21 | -77.36434019 | 39.02577321 |
| AB399 | 2.923511 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 73.39 | PL21 | -77.35774405 | 39.04131658 |
| AB412 | 3.155701 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 62.21 | PL21 | -77.35442476 | 39.0532465 |
| AB413 | 73.819430 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 52.67 | PL21 | -77.3533494 | 39.04883851 |
| AB429 | 27.709533 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 72.33 | PL21 | -77.35746262 | 39.05185215 |
| AB47 | 2.387231 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 63.80 | PL21 | -77.3652137 | 39.02576603 |
| AB498 | 3.092719 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 86.20 | PL21 | -77.35921554 | 39.05268788 |
| AB51 | 2.523609 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 75.48 | PL21 | -77.36654721 | 39.02623945 |
| AB517 | 10.130998 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 79.78 | PL21 | -77.36081214 | 39.05207114 |
| AB524 | 4.677497 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 79.56 | PL21 | -77.36056076 | 39.05080231 |
| AB56 | 4.156622 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 1.81 | PL21 | -77.36187557 | 39.02942801 |
| AB579 | 10.938476 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 73.68 | PL21 | -77.35843159 | 39.04943263 |
| AB59 | 0.771865 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | | PL21 | -77.36349385 | 39.02606888 |
| AB632 | 20.740718 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 57.53 | PL21 | -77.35984891 | 39.04860963 |
| AB690 | 4.483661 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 64.75 | PL21 | -77.35680078 | 39.04376452 |
| AB700 | 2.228821 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 67.50 | PL21 | -77.35675162 | 39.04293327 |
| AB719 | 1.489305 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 69.17 | PL21 | -77.35865983 | 39.0439072 |
| AB72 | 3.158238 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 55.35 | PL21 | -77.36430523 | 39.02842461 |
| AB723 | 33.793157 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 55.99 | PL21 | -77.35731083 | 39.04582689 |
| AB727 | 8.247915 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 39.01 | PL21 | -77.36060079 | 39.04238853 |
| AB738 | 2.762042 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 29.84 | PL21 | -77.35967986 | 39.04496211 |
| AB752 | 1.502068 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 0.25 | PL21 | -77.36210836 | 39.04397107 |
| AB756 | 1.010955 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_CHURCH | 100.00 | PL21 | -77.35473388 | 39.04127989 |
| AB759 | 1.500808 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_CHURCH | 99.80 | PL21 | -77.35426159 | 39.04154041 |
| AB761 | 1.189190 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 69.83 | PL21 | -77.35330805 | 39.04267267 |
| AB763 | 20.006103 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 70.76 | PL21 | -77.35394807 | 39.04485494 |
| AB784 | 3.333119 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 66.75 | PL21 | -77.35544992 | 39.04322976 |
| AB79 | 3.307617 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 75.67 | PL21 | -77.36540137 | 39.02774588 |
| AB8 | 7.730373 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 64.25 | PL21 | -77.36637918 | 39.02513665 |
| AB86 | 3.503291 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 62.37 | PL21 | -77.36610728 | 39.02856659 |
| AB88 | 1.811984 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 59.06 | PL21 | -77.3620405 | 39.03028666 |
| AB921 | 1.504448 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 63.17 | PL21 | -77.34892671 | 39.05233957 |
| AB924 | 1.739781 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 100.00 | PL21 | -77.34822057 | 39.05247726 |
| AB938 | 2.507220 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 66.46 | PL21 | -77.36620732 | 39.04444233 |
| AJ107 | 0.638548 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 59.63 | PL21 | -77.38252487 | 39.01068854 |
| AJ1079 | 49.880928 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 72.82 | PL19 | -77.42254847 | 39.02458351 |
| AJ1082 | 0.465902 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 6.63 | PL19 | -77.42550828 | 39.02077171 |
| AJ1089 | 0.252087 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 2.73 | PL19 | -77.42467379 | 39.02087821 |
| AJ109 | 0.520004 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 56.71 | PL21 | -77.38317444 | 39.01096794 |
| AJ1090 | 2.185521 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 0.52 | PL19 | -77.42417762 | 39.02111304 |
| AJ111 | 4.515517 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 53.21 | PL21 | -77.38330789 | 39.01214705 |
| AJ1115 | 0.776557 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 5.23 | PL19 | -77.42444186 | 39.01920151 |
| AJ1132 | 7.323069 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 98.75 | PL19 | -77.42788266 | 39.01970773 |
| AJ1145 | 0.319046 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 0.15 | PL19 | -77.42643309 | 39.02089589 |
| AJ1167 | 10.747452 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 67.58 | PL19 | -77.42820222 | 39.02047586 |
| AJ1170 | 2.068869 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 96.92 | PL19 | -77.43004241 | 39.01789689 |
| AJ1181 | 10.596478 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 68.49 | PL19 | -77.4300015 | 39.02141904 |
| AJ1187 | 15.187093 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 99.77 | PL19 | -77.42782539 | 39.0225617 |
| AJ1227 | 20.291389 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 99.43 | PL19 | -77.42795292 | 39.02397478 |
| AJ1234 | 48.911064 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 55.48 | PL19 | -77.42607837 | 39.02641685 |
| AJ131 | 4.453728 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 44.93 | PL21 | -77.38247893 | 39.01179696 |
| AJ1322 | 6.262160 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 3.15 | PL19 | -77.42963832 | 39.02717228 |
| AJ1335 | 1.504506 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_HOTEL | 19.62 | PL19 | -77.42679114 | 39.01767625 |
| AJ1366 | 25.581069 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 33.74 | PL19 | -77.41777667 | 39.02522314 |
| AJ157 | 16.542518 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 87.40 | PL21 | -77.38247338 | 39.01446997 |
| AJ1676 | 17.704879 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 37.22 | PL20 | -77.40309238 | 39.02675917 |
| AJ1685 | 0.751151 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 100.00 | PL20 | -77.40480615 | 39.02954324 |

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 |
|--------|-----------------|-------------|----------|---|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| AJ1688 | 4.757923 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 82.04 | PL20 | -77.40310672 | 39.0285125 |
| AJ1696 | 22.803748 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 65.64 | PL20 | -77.40682267 | 39.03022611 |
| AJ1708 | 0.354849 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 100.00 | PL20 | -77.40573411 | 39.02848627 |
| AJ1712 | 0.528037 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 100.00 | PL20 | -77.40563886 | 39.02906692 |
| AJ1719 | 3.057069 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 12.88 | PL19 | -77.43160311 | 39.02216975 |
| AJ1727 | 1.032450 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 0.02 | PL19 | -77.43205518 | 39.01848473 |
| AJ1761 | 32.290601 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 54.57 | PL20 | -77.41643349 | 39.04457478 |
| AJ1810 | 3.725950 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 55.75 | PL20 | -77.41580776 | 39.0463106 |
| AJ1903 | 13.888591 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 62.80 | PL20 | -77.41848921 | 39.04816675 |
| AJ193 | 12.217409 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 48.49 | PL21 | -77.37968848 | 39.01357953 |
| AJ1989 | 11.741543 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 61.15 | PL20 | -77.41660928 | 39.04789822 |
| AJ1993 | 5.657904 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 56.25 | PL20 | -77.41526005 | 39.04713151 |
| AJ1996 | 10.827754 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 66.68 | PL20 | -77.4117961 | 39.04785533 |
| AJ2011 | 4.474994 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 80.60 | PL20 | -77.41272617 | 39.04914146 |
| AJ2026 | 7.196863 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 84.17 | PL20 | -77.41248423 | 39.04617361 |
| AJ205 | 1.314841 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 56.98 | PL21 | -77.37743841 | 39.01318573 |
| AJ2088 | 1.421829 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFA | 60.51 | PL20 | -77.41542851 | 39.04937226 |
| AJ2101 | 7.484414 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 63.09 | PL20 | -77.41588645 | 39.05088417 |
| AJ2112 | 0.565248 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 44.56 | PL20 | -77.41533218 | 39.05266661 |
| AJ241 | 5.687152 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_MFA | 86.96 | PL21 | -77.37566292 | 39.01227133 |
| AJ26 | 12.853100 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 46.30 | PL21 | -77.38517097 | 39.01010019 |
| AJ2658 | 7.103586 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 77.06 | PL45 | -77.50876054 | 38.89619073 |
| AJ2662 | 10.326663 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 79.17 | PL45 | -77.50899388 | 38.89494911 |
| AJ268 | 4.635721 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 50.19 | PL21 | -77.37953233 | 39.0105476 |
| AJ2698 | 4.602091 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 61.72 | PL45 | -77.50910286 | 38.8981006 |
| AJ27 | 0.075544 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 0.43 | PL21 | -77.384 | 39.01007888 |
| AJ2708 | 0.855690 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | | | PL17 | -77.55288138 | 38.9343433 |
| AJ2710 | 0.674089 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 2.10 | PL17 | -77.55281038 | 38.93418725 |
| AJ2734 | 30.034708 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 48.05 | PL42 | -77.55414761 | 38.91662129 |
| AJ2735 | 5.590896 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 49.89 | PL42 | -77.54916642 | 38.91618053 |
| AJ2786 | 1.180129 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 66.69 | PL42 | -77.55230827 | 38.92403329 |
| AJ2787 | 58.480131 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 37.69 | PL42 | -77.55467777 | 38.92612602 |
| AJ2788 | 33.673792 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | COM_OTHER_PUBLIC | 81.50 | PL42 | -77.54731685 | 38.92459441 |
| AJ2789 | 9.917781 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 76.07 | PL42 | -77.55202211 | 38.92512281 |
| AJ2857 | 1.743244 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 57.68 | PL17 | -77.50121525 | 39.00501811 |
| AJ2859 | 5.483403 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 55.76 | PL17 | -77.50069269 | 39.00419044 |
| AJ2861 | 6.582543 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 47.48 | PL19 | -77.49961297 | 39.00929219 |
| AJ2906 | 15.792550 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 62.48 | PL17 | -77.55355641 | 38.93110372 |
| AJ2907 | 1.937915 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 68.74 | PL17 | -77.5516617 | 38.93116542 |
| AJ291 | 26.709892 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 26.05 | PL21 | -77.37813558 | 39.01157339 |
| AJ293 | 1.016387 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 48.93 | PL21 | -77.37859942 | 39.00998074 |
| AJ2939 | 2.203118 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 30.79 | PL17 | -77.54596526 | 38.93920283 |
| AJ2948 | 6.378479 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 61.65 | PL42 | -77.54941385 | 38.91725745 |
| AJ2949 | 1.044496 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 58.75 | PL42 | -77.55134309 | 38.91772953 |
| AJ2951 | 4.363286 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | | | PL45 | -77.50073676 | 38.92221607 |
| AJ2952 | 0.423677 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 99.85 | PL45 | -77.5065089 | 38.92296243 |
| AJ2956 | 16.500405 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_ENTITLED | 35.43 | PL45 | -77.50319517 | 38.92168048 |
| AJ2958 | 13.964208 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_HEAVY_IND | 35.14 | PL45 | -77.51058213 | 38.92671324 |
| AJ2959 | 9.433280 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_HEAVY_IND | 32.92 | PL45 | -77.49988789 | 38.92233938 |
| AJ30 | 0.368470 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_NON_PUBLIC | 100.00 | PL21 | -77.38512265 | 39.01106762 |
| AJ3030 | 8.166284 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFA | 52.26 | PL42 | -77.54955282 | 38.92255796 |
| AJ306 | 1.671701 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 54.29 | PL21 | -77.3805384 | 39.01066344 |
| AJ3066 | 0.736321 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 0.37 | PL19 | -77.50942365 | 39.00794351 |
| AJ3067 | 0.288426 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 10.33 | PL19 | -77.51089654 | 39.00814462 |
| AJ3068 | 0.409311 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.15 | PL19 | -77.51049671 | 39.00822759 |
| AJ3069 | 0.304063 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.05 | PL19 | -77.5115462 | 39.00826097 |
| AJ3070 | 1.847260 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 42.49 | PL19 | -77.51243212 | 39.00803244 |
| AJ3071 | 4.350785 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 56.13 | PL19 | -77.51437596 | 39.00639178 |
| AJ3072 | 3.548789 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 52.98 | PL19 | -77.51325963 | 39.00723628 |
| AJ3073 | 1.759447 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 53.11 | PL19 | -77.5143515 | 39.00577577 |

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 |
|--------|-----------------|-------------|----------|---|---------------------------|-------------------|---------------------------|-------|--------------|-------------|
| AJ3074 | 0.349544 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 52.50 | PL19 | -77.51549199 | 39.00536626 |
| AJ3075 | 0.785010 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 54.89 | PL19 | -77.5149759 | 39.00540521 |
| AJ3078 | 6.275898 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 69.66 | PL17 | -77.51280653 | 39.00055063 |
| AJ3082 | 10.023562 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 70.12 | PL17 | -77.50661761 | 39.00379024 |
| AJ3083 | 4.374808 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 66.45 | PL17 | -77.50352072 | 39.00423664 |
| AJ3084 | 0.238235 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 0.40 | PL17 | -77.50272849 | 39.00514755 |
| AJ3132 | 0.344461 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | Chesapeake Bay | | PL17 | -77.54289268 | 38.92809873 |
| AJ3140 | 3.074107 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | | | PL45 | -77.50955668 | 38.92570593 |
| AJ3143 | 3.574482 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 51.95 | PL45 | -77.50741671 | 38.92439955 |
| AJ3144 | 11.965860 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_ENTITLED | 41.63 | PL45 | -77.50146737 | 38.92200919 |
| AJ315 | 1.819594 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 76.42 | PL21 | -77.3756735 | 39.01064293 |
| AJ3248 | 8.686376 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 56.49 | PL45 | -77.53575728 | 38.92005752 |
| AJ325 | 3.283227 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 26.41 | PL21 | -77.38111667 | 39.01135974 |
| AJ3274 | 8.441680 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 51.67 | PL19 | -77.50316198 | 39.00794407 |
| AJ3275 | 1.646972 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 84.57 | PL19 | -77.51990376 | 39.03263765 |
| AJ3282 | 1.863110 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 73.96 | PL17 | -77.49949995 | 39.00611242 |
| AJ3283 | 1.961591 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 78.45 | PL17 | -77.50842897 | 39.00346337 |
| AJ3284 | 5.746034 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 68.49 | PL17 | -77.51005572 | 39.00526529 |
| AJ3286 | 2.803946 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 83.82 | PL19 | -77.5112852 | 39.00578965 |
| AJ329 | 1.614447 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 56.61 | PL21 | -77.38155542 | 39.01099621 |
| AJ3319 | 0.122781 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 76.34 | PL17 | -77.55178762 | 38.93346229 |
| AJ3320 | 3.392135 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 58.80 | PL17 | -77.55343256 | 38.93346896 |
| AJ3321 | 34.800073 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 48.42 | PL17 | -77.55005702 | 38.93143743 |
| AJ3348 | 4.344938 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 76.79 | PL42 | -77.54825469 | 38.91804019 |
| AJ3364 | 1.105201 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 99.18 | PL45 | -77.50682521 | 38.92284085 |
| AJ3367 | 2.511424 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_ENTITLED | 56.42 | PL45 | -77.50752872 | 38.9231615 |
| AJ3375 | 7.529459 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_ENTITLED | 63.07 | PL45 | -77.48414447 | 38.91391946 |
| AJ3379 | 58.480525 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | MULTI_USE | 48.59 | PL45 | -77.47176231 | 38.92096196 |
| AJ3393 | 2.707653 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 72.92 | PL17 | -77.54430095 | 38.92801154 |
| AJ3394 | 0.812018 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 62.46 | PL17 | -77.54591564 | 38.92831666 |
| AJ3438 | 1.366904 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 77.72 | PL45 | -77.52177166 | 38.91727406 |
| AJ3439 | 0.660099 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 99.92 | PL45 | -77.52251125 | 38.91674031 |
| AJ3440 | 10.572597 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 61.22 | PL45 | -77.52337669 | 38.91506715 |
| AJ3443 | 1.026110 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 61.74 | PL45 | -77.52421032 | 38.91550585 |
| AJ3444 | 8.204812 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 82.80 | PL45 | -77.52185024 | 38.91575709 |
| AJ3482 | 1.088508 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 73.86 | PL17 | -77.5084642 | 39.00418785 |
| AJ353 | 6.586381 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 36.89 | PL21 | -77.38109311 | 39.00897094 |
| AJ3530 | 34.154552 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 40.00 | PL17 | -77.53295883 | 38.98252794 |
| AJ3570 | 1.336129 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 13.74 | PL17 | -77.54521009 | 38.93297929 |
| AJ360 | 2.406642 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 50.18 | PL21 | -77.37984078 | 39.00860025 |
| AJ3604 | 10.910932 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 44.47 | PL45 | -77.51981529 | 38.91967017 |
| AJ3605 | 7.129885 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 36.64 | PL45 | -77.51867043 | 38.9186874 |
| AJ3608 | 7.975074 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 72.19 | PL45 | -77.53003342 | 38.91811167 |
| AJ3610 | 1.847711 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | PUBLIC | 45.97 | PL45 | -77.52446678 | 38.9188826 |
| AJ3611 | 0.302033 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 71.74 | PL45 | -77.52471656 | 38.9182899 |
| AJ3612 | 1.636646 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 63.46 | PL45 | -77.52386783 | 38.91835787 |
| AJ3613 | 2.829039 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | PUBLIC | 31.08 | PL45 | -77.52373818 | 38.91916838 |
| AJ3614 | 0.344737 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 0.12 | PL45 | -77.52241716 | 38.91806852 |
| AJ3615 | 2.628315 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 51.69 | PL45 | -77.52523387 | 38.91880262 |
| AJ3633 | 4.365157 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 30.79 | PL45 | -77.53775525 | 38.91421452 |
| AJ365 | 2.431958 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 53.24 | PL21 | -77.37870072 | 39.0085674 |
| AJ367 | 2.328226 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 100.00 | PL21 | -77.37755011 | 39.00885313 |
| AJ3702 | 6.736508 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 24.35 | PL17 | -77.54907948 | 38.93364449 |
| AJ3716 | 13.505408 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 70.38 | PL17 | -77.54739824 | 38.93136773 |
| AJ3779 | 2.715052 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 17.07 | PL17 | -77.54267126 | 38.93238293 |
| AJ3780 | 4.497211 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 52.98 | PL17 | -77.54239423 | 38.93284513 |
| AJ3781 | 4.433100 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 50.12 | PL17 | -77.54230181 | 38.93357663 |
| AJ3782 | 0.823841 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_MFA | 68.91 | PL17 | -77.54349881 | 38.93398002 |
| AJ3783 | 0.238536 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_MFA | 49.00 | PL17 | -77.54447013 | 38.93401441 |
| AJ3795 | 14.324205 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 65.32 | PL42 | -77.54682568 | 38.91962628 |

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 |
|--------|-----------------|-------------|----------|---|---------------------------|--------------------|---------------------------|-------|--------------|-------------|
| AJ381 | 43.391938 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 64.24 | PL21 | -77.39896337 | 39.0094297 |
| AJ3819 | 0.511223 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 47.13 | PL45 | -77.52898074 | 38.91770993 |
| AJ3821 | 0.360105 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 69.14 | PL45 | -77.52918272 | 38.91733104 |
| AJ3823 | 1.305396 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 69.01 | PL45 | -77.52583492 | 38.91859131 |
| AJ3824 | 1.394236 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 71.28 | PL45 | -77.52633857 | 38.91848958 |
| AJ3825 | 1.572870 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 50.71 | PL45 | -77.52688318 | 38.91842238 |
| AJ3826 | 1.312850 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 55.89 | PL45 | -77.52760756 | 38.91843752 |
| AJ3827 | 1.338436 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 31.44 | PL45 | -77.52714468 | 38.91920539 |
| AJ3828 | 1.413586 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 41.65 | PL45 | -77.5262196 | 38.9193976 |
| AJ3829 | 0.817878 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | PUBLIC | 21.11 | PL45 | -77.52504811 | 38.91962489 |
| AJ3830 | 7.276262 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 71.82 | PL45 | -77.52940608 | 38.91935243 |
| AJ3831 | 3.696348 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 61.17 | PL45 | -77.53143689 | 38.91974719 |
| AJ3833 | 0.171758 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 7.88 | PL45 | -77.53164662 | 38.92070725 |
| AJ3885 | 2.772247 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 78.65 | PL17 | -77.50624338 | 39.00521401 |
| AJ39 | 0.714469 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 39.11 | PL21 | -77.38334414 | 39.00999286 |
| AJ3906 | 3.330646 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 36.09 | PL17 | -77.54647983 | 38.93340143 |
| AJ3907 | 5.902772 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 46.57 | PL17 | -77.54607069 | 38.93535087 |
| AJ3940 | 1.891070 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 70.32 | PL17 | -77.54461578 | 38.92735623 |
| AJ4064 | 5.597269 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 63.45 | PL45 | -77.53406114 | 38.91756603 |
| AJ4065 | 6.955665 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 77.68 | PL45 | -77.531412 | 38.9169574 |
| AJ4068 | 0.498754 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | PUBLIC | 0.31 | PL45 | -77.52187518 | 38.92080906 |
| AJ4069 | 7.747202 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 54.52 | PL45 | -77.52060986 | 38.92103792 |
| AJ4070 | 1.023885 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 44.15 | PL45 | -77.52135584 | 38.919926 |
| AJ4081 | 2.879036 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 65.84 | PL17 | -77.50540907 | 39.0069172 |
| AJ4100 | 4.671240 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 42.64 | PL17 | -77.50183501 | 39.00661342 |
| AJ4133 | 0.368241 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 1.58 | PL17 | -77.54495614 | 38.93503146 |
| AJ4134 | 4.865842 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 41.85 | PL17 | -77.54694152 | 38.93624402 |
| AJ4136 | 3.790567 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 47.04 | PL17 | -77.54601866 | 38.9344567 |
| AJ4137 | 3.076658 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 49.99 | PL17 | -77.54596988 | 38.93387995 |
| AJ4152 | 20.195698 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 62.10 | PL17 | -77.54647875 | 38.92887269 |
| AJ4230 | 4.125326 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 65.01 | PL45 | -77.52148188 | 38.92190557 |
| AJ4231 | 9.679704 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 64.53 | PL45 | -77.52208447 | 38.92298969 |
| AJ4233 | 1.275955 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 23.64 | PL45 | -77.52343907 | 38.92353161 |
| AJ4235 | 1.230648 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 1.07 | PL45 | -77.52455046 | 38.92379294 |
| AJ4237 | 25.331431 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 70.09 | PL45 | -77.52060744 | 38.92491588 |
| AJ4252 | 23.638136 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 38.06 | PL45 | -77.5186466 | 38.92301271 |
| AJ4255 | 4.019973 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 78.86 | PL45 | -77.53109165 | 38.91375465 |
| AJ4256 | 7.432470 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 52.77 | PL45 | -77.53122435 | 38.92142576 |
| AJ4344 | 1.271878 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 70.00 | PL42 | -77.54974468 | 38.91985258 |
| AJ437 | 1.209649 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 0.60 | PL19 | -77.41100795 | 38.99140232 |
| AJ4412 | 1.170373 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 99.48 | PL45 | -77.53674309 | 38.91206528 |
| AJ4413 | 1.539230 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 100.00 | PL45 | -77.53579113 | 38.91608641 |
| AJ4414 | 3.882092 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 99.10 | PL45 | -77.53653376 | 38.91355923 |
| AJ4417 | 5.705927 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 37.34 | PL45 | -77.527843 | 38.92210901 |
| AJ442 | 13.918355 | 20700080902 | No | Chesapeake Bay | Horsepen Run | RES_SFD | 70.48 | PL18 | -77.40825514 | 38.99004223 |
| AJ4449 | 12.029159 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 40.10 | PL45 | -77.53864472 | 38.91931486 |
| AJ4451 | 4.281081 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 64.24 | PL45 | -77.53757519 | 38.91825346 |
| AJ4453 | 41.397275 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 34.46 | PL45 | -77.54104666 | 38.91772297 |
| AJ4507 | 4.929747 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OFFICE_GENERAL | 68.87 | PL17 | -77.54624291 | 38.93792139 |
| AJ4509 | 41.743857 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 45.02 | PL42 | -77.54645814 | 38.91620873 |
| AJ4511 | 2.812528 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 72.89 | PL42 | -77.55075336 | 38.91920554 |
| AJ452 | 7.125128 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 52.79 | PL19 | -77.40895401 | 38.99213557 |
| AJ453 | 5.512883 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.85 | PL19 | -77.41011541 | 38.99260033 |
| AJ4534 | 3.336155 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OFFICE_MEDICAL | 19.05 | PL17 | -77.54302843 | 38.93887933 |
| AJ454 | 4.975945 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 79.19 | PL19 | -77.41166243 | 38.99330576 |
| AJ4544 | 1.570361 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 63.12 | PL42 | -77.55094933 | 38.91987503 |
| AJ4547 | 5.729438 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 74.57 | PL42 | -77.55347373 | 38.91836734 |
| AJ4548 | 2.880836 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 64.34 | PL42 | -77.55299196 | 38.91693811 |
| AJ4589 | 0.051221 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 100.00 | PL45 | -77.53633131 | 38.91257062 |
| AJ4590 | 5.567034 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 100.00 | PL45 | -77.53476483 | 38.91332998 |

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 |
|---------|-----------------|-------------|----------|---|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| AJ4591 | 12.805337 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 99.43 | PL45 | -77.53594668 | 38.9148378 |
| AJ4594 | 17.427066 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | PUBLIC | 32.53 | PL17 | -77.51877335 | 38.92863517 |
| AJ467 | 11.082375 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 79.90 | PL19 | -77.41294821 | 38.99326494 |
| AJ4710 | 1.733237 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 18.41 | PL42 | -77.54968298 | 38.91556891 |
| AJ4736 | 12.727876 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 34.20 | PL17 | -77.54240184 | 38.93746909 |
| AJ4742 | 0.238413 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | | | PL17 | -77.54587086 | 38.93988091 |
| AJ4754 | 0.965283 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 55.06 | PL17 | -77.55370121 | 38.93290843 |
| AJ4887 | 0.957193 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 20.20 | PL42 | -77.55220902 | 38.91620838 |
| AJ496 | 17.407297 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.97 | PL19 | -77.41514904 | 38.99394985 |
| AJ50 | 1.250335 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 52.21 | PL21 | -77.382569 | 39.00984403 |
| AJ516 | 2.117697 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 99.64 | PL19 | -77.40174504 | 38.99770462 |
| AJ521 | 3.745320 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 76.04 | PL19 | -77.40234525 | 38.99703911 |
| AJ530 | 3.999481 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 55.94 | PL21 | -77.36774666 | 39.04310552 |
| AJ531 | 10.839746 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 60.74 | PL21 | -77.36629488 | 39.04084454 |
| AJ534 | 28.724287 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 64.98 | PL21 | -77.37142078 | 39.0448822 |
| AJ552 | 1.879118 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 100.00 | PL19 | -77.40384843 | 38.99614941 |
| AJ564 | 0.623585 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 2.99 | PL19 | -77.40984994 | 38.99807055 |
| AJ569 | 22.836828 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 90.87 | PL19 | -77.40664894 | 38.99814627 |
| AJ573 | 3.225940 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 41.12 | PL19 | -77.40992482 | 38.99666417 |
| AJ575 | 2.131087 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 45.27 | PL19 | -77.40952063 | 38.99617611 |
| AJ577 | 0.290040 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 14.67 | PL19 | -77.40718628 | 38.99672355 |
| AJ581 | 2.389309 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 46.45 | PL19 | -77.4090924 | 38.99566207 |
| AJ599 | 3.228681 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 99.99 | PL19 | -77.40464518 | 38.99566687 |
| AJ600 | 1.019606 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 100.00 | PL19 | -77.4057845 | 38.99532093 |
| AJ601 | 1.880381 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.40637101 | 38.9960031 |
| AJ604 | 0.076533 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.40685388 | 38.99552955 |
| AJ736 | 1.578010 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 94.99 | PL19 | -77.41933876 | 39.00865738 |
| AJ737 | 1.000770 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.41882828 | 39.00903369 |
| AJ79 | 2.040867 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_NON_PUBLIC | 52.61 | PL21 | -77.38569278 | 39.01247964 |
| AJ811 | 30.542626 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 70.83 | PL19 | -77.41701445 | 39.01889378 |
| AJ84 | 6.052237 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_NON_PUBLIC | 59.42 | PL21 | -77.38503999 | 39.0132126 |
| AJ846 | 2.885035 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 86.67 | PL19 | -77.41549572 | 39.01683522 |
| AJ848 | 5.142913 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 77.86 | PL19 | -77.41448933 | 39.01609501 |
| AJ856 | 40.660547 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 46.40 | PL19 | -77.41265284 | 39.01871153 |
| AJ867 | 9.365923 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 15.93 | PL19 | -77.41049213 | 39.01899799 |
| AJ869 | 5.092150 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 52.79 | PL19 | -77.41328247 | 39.013981 |
| AJ882 | 6.138270 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 71.75 | PL19 | -77.4192344 | 39.02001221 |
| AJ887 | 16.562407 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 42.11 | PL19 | -77.42074178 | 39.02260521 |
| AJ888 | 0.324532 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 0.02 | PL19 | -77.42193448 | 39.0209058 |
| AJ905 | 3.358621 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 77.37 | PL19 | -77.4178793 | 39.0206611 |
| AJ911 | 6.093774 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 60.11 | PL19 | -77.41879475 | 39.02278858 |
| AJ940 | 14.261924 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 65.71 | PL19 | -77.42083462 | 39.0177964 |
| AJ942 | 12.444706 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 98.21 | PL19 | -77.42382911 | 39.01764872 |
| AJ950 | 0.540448 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 74.80 | PL19 | -77.41086833 | 39.02149113 |
| AJ951 | 0.106771 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.41153844 | 39.02171046 |
| AJ972 | 27.646600 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 45.88 | PL19 | -77.41113995 | 39.02277793 |
| AJ98 | 8.000090 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_CHURCH | 49.94 | PL21 | -77.38818812 | 39.01500255 |
| BC107 | 0.430087 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_RETAIL | 91.66 | PL18 | -77.43668118 | 38.97885723 |
| BC33 | 3.149950 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MISC | 100.00 | PL21 | -77.37138252 | 39.01656836 |
| BC6 | 4.716324 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 63.17 | PL45 | -77.48843905 | 38.89656231 |
| CH10003 | 2.544111 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.03 | PL19 | -77.51288599 | 39.02782611 |
| CH10007 | 6.751357 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 38.68 | PL19 | -77.51756526 | 39.03104868 |
| CH10013 | 2.027766 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.83 | PL19 | -77.51639296 | 39.03037078 |
| CH10014 | 2.729570 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.64 | PL19 | -77.51680987 | 39.0270289 |
| CH10020 | 1.665702 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.08 | PL19 | -77.51626914 | 39.02832664 |
| CH10022 | 0.763964 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 60.15 | PL19 | -77.52438843 | 39.0262708 |
| CH10025 | 2.718293 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 53.81 | PL19 | -77.52597144 | 39.02690549 |
| CH10028 | 2.698995 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.48 | PL19 | -77.52580396 | 39.02633803 |
| CH1003 | 2.143879 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 77.57 | PL21 | -77.36828144 | 39.04927769 |
| CH10030 | 0.659555 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 49.14 | PL19 | -77.52522669 | 39.02540376 |

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 |
|---------|-----------------|-------------|----------|--|-------------------------------|-------------------|---------------------------|-------|--------------|--------------|
| CH10033 | 2.812170 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 82.98 | PL19 | -77.52431327 | 39.02569476 |
| CH10034 | 1.560680 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 59.77 | PL19 | -77.52393632 | 39.0253287 |
| CH10041 | 6.946141 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 63.98 | PL19 | -77.52616353 | 39.02470534 |
| CH10049 | 2.039533 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 50.52 | PL19 | -77.52301989 | 39.02591588 |
| CH10071 | 2.377281 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 49.46 | PL19 | -77.5202249 | 39.024711226 |
| CH10072 | 6.656008 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.15 | PL19 | -77.51844942 | 39.022959 |
| CH1008 | 3.631304 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 66.56 | PL21 | -77.36719987 | 39.05066584 |
| CH10087 | 1.141222 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 58.07 | PL19 | -77.51568035 | 39.02322194 |
| CH10088 | 1.355553 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 60.43 | PL19 | -77.51713507 | 39.02371597 |
| CH10119 | 6.345526 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.52 | PL19 | -77.51851534 | 39.02158064 |
| CH10133 | 3.290583 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 55.64 | PL19 | -77.51609995 | 39.02005357 |
| CH1014 | 1.984420 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 72.15 | PL21 | -77.36640532 | 39.05008181 |
| CH10144 | 8.940804 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.57 | PL19 | -77.52749143 | 39.02608196 |
| CH10168 | 17.536517 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 73.79 | PL19 | -77.52603906 | 39.02807819 |
| CH102 | 1.384133 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 70.57 | PL21 | -77.35182048 | 39.03583309 |
| CH10202 | 17.106730 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 52.41 | PL19 | -77.52371683 | 39.02908677 |
| CH10206 | 7.382880 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.58 | PL19 | -77.52112766 | 39.02998796 |
| CH1022 | 14.315363 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 81.31 | PL21 | -77.36961729 | 39.05008052 |
| CH10236 | 1.893502 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 72.05 | PL19 | -77.52358299 | 39.02723914 |
| CH10253 | 1.749843 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.15 | PL19 | -77.52225253 | 39.02166582 |
| CH10271 | 6.283317 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.37 | PL19 | -77.52112491 | 39.02163983 |
| CH10273 | 16.095536 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 62.74 | PL19 | -77.52239051 | 39.02074691 |
| CH10308 | 5.223011 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.17 | PL19 | -77.51350917 | 39.02753438 |
| CH10318 | 2.552217 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 82.41 | PL19 | -77.51323169 | 39.02601579 |
| CH10322 | 2.213350 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 61.36 | PL19 | -77.52189655 | 39.02680651 |
| CH10333 | 1.427352 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 72.80 | PL19 | -77.52025868 | 39.0285688 |
| CH10336 | 0.973456 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.15 | PL19 | -77.51743048 | 39.02693673 |
| CH10338 | 2.936764 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.50 | PL19 | -77.51723234 | 39.02508477 |
| CH10345 | 4.543024 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 83.19 | PL19 | -77.51777298 | 39.02568284 |
| CH10349 | 1.386547 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.90 | PL19 | -77.51531095 | 39.02715805 |
| CH10352 | 0.966280 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.87 | PL19 | -77.51530552 | 39.02631133 |
| CH10361 | 5.387718 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.24 | PL19 | -77.51545221 | 39.02492804 |
| CH10387 | 10.810860 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 76.88 | PL19 | -77.51426452 | 39.02441611 |
| CH10389 | 1.389768 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.79 | PL19 | -77.51534757 | 39.02191294 |
| CH10394 | 2.511277 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.93 | PL19 | -77.5162007 | 39.02203657 |
| CH10400 | 1.661823 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.22 | PL19 | -77.51592878 | 39.0211252 |
| CH10406 | 3.030911 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 39.62 | PL19 | -77.51683422 | 39.01992546 |
| CH10413 | 1.256135 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.07 | PL19 | -77.49540214 | 39.02436436 |
| CH10421 | 1.382497 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 63.07 | PL19 | -77.49552338 | 39.02316239 |
| CH10437 | 8.211330 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 46.87 | PL19 | -77.49398247 | 39.02237174 |
| CH10438 | 0.723013 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 42.68 | PL19 | -77.49498792 | 39.02190537 |
| CH10439 | 0.412469 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 64.67 | PL19 | -77.49525675 | 39.02220966 |
| CH10442 | 0.958680 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 79.59 | PL19 | -77.49586653 | 39.02228432 |
| CH10445 | 0.593461 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 58.69 | PL19 | -77.49565624 | 39.02190638 |
| CH10460 | 9.252245 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 46.66 | PL19 | -77.49517861 | 39.02069577 |
| CH10474 | 1.995877 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 20.77 | PL19 | -77.49543791 | 39.01905808 |
| CH10487 | 6.137810 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 76.78 | PL16 | -77.50409918 | 39.08698112 |
| CH10504 | 4.472479 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 63.00 | PL16 | -77.50286184 | 39.0865221 |
| CH10507 | 0.019010 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | MULTI_USE | 89.23 | PL16 | -77.50211846 | 39.08787817 |
| CH10510 | 0.393159 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | MULTI_USE | 87.04 | PL16 | -77.50227824 | 39.08806445 |
| CH10518 | 17.897861 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | COM_OTHER_PUBLIC | 51.60 | PL16 | -77.50248738 | 39.08434055 |
| CH10547 | 6.801573 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 43.61 | PL16 | -77.49617091 | 39.08489854 |
| CH1056 | 3.450999 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 73.77 | PL21 | -77.3691596 | 39.05145381 |
| CH10565 | 19.020608 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | COM_OTHER_PUBLIC | 55.75 | PL16 | -77.49998421 | 39.08329615 |
| CH10599 | 82.035415 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 26.50 | PL20 | -77.48934823 | 39.08713948 |
| CH1061 | 24.785834 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 60.03 | PL21 | -77.37227563 | 39.04949322 |
| CH10672 | 5.126196 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | VACANT_ENTITLED | 80.43 | PL16 | -77.49707478 | 39.08546158 |
| CH10695 | 4.000263 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 98.46 | PL19 | -77.5107321 | 39.0156427 |
| CH10714 | 9.677208 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 97.64 | PL19 | -77.50937938 | 39.01531466 |
| CH10743 | 8.850698 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.87 | PL19 | -77.51080151 | 39.01264947 |

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 |
|---------|-----------------|-------------|----------|--|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| CH10769 | 2.970503 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 59.98 | PL19 | -77.50930817 | 39.01282789 |
| CH10790 | 7.552043 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 58.19 | PL19 | -77.50834982 | 39.01173718 |
| CH10793 | 2.405758 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 57.68 | PL19 | -77.50485916 | 39.01046952 |
| CH10803 | 2.883459 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 56.16 | PL19 | -77.50600524 | 39.01070345 |
| CH10808 | 0.771700 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 52.15 | PL19 | -77.50627071 | 39.01130302 |
| CH10819 | 2.518779 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 28.89 | PL19 | -77.50664768 | 39.01017689 |
| CH10838 | 9.604233 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 38.80 | PL19 | -77.50965491 | 39.01107923 |
| CH10851 | 0.554462 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 31.21 | PL19 | -77.51105276 | 39.01063459 |
| CH10864 | 3.065341 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 54.01 | PL19 | -77.5121198 | 39.01051544 |
| CH10896 | 5.477371 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 32.95 | PL19 | -77.51278373 | 39.01290002 |
| CH10904 | 0.968679 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.50038865 | 39.01450185 |
| CH10906 | 1.372835 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.50050682 | 39.01364302 |
| CH10913 | 3.261327 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 70.79 | PL19 | -77.50073917 | 39.01536632 |
| CH1092 | 11.655329 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 27.59 | PL21 | -77.37432661 | 39.05042939 |
| CH10925 | 2.456822 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 97.85 | PL19 | -77.49885383 | 39.01311297 |
| CH10933 | 2.133859 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 94.27 | PL19 | -77.4983503 | 39.01374009 |
| CH10936 | 0.663476 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 86.63 | PL19 | -77.49793776 | 39.01444263 |
| CH1095 | 2.066414 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_NON_PUBLIC | 27.64 | PL21 | -77.37568414 | 39.05048206 |
| CH10951 | 1.534927 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 0.06 | PL19 | -77.50073917 | 39.00972042 |
| CH10953 | 2.613830 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 35.47 | PL19 | -77.51379618 | 39.00869852 |
| CH10964 | 11.552557 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 94.72 | PL19 | -77.49686036 | 39.01313152 |
| CH11021 | 4.309517 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 41.30 | PL14 | -77.52752521 | 39.02421917 |
| CH11025 | 2.496892 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 29.98 | PL14 | -77.52842257 | 39.02352343 |
| CH11026 | 6.242356 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 38.80 | PL14 | -77.52941277 | 39.02257042 |
| CH11032 | 1.352714 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 10.25 | PL14 | -77.53035322 | 39.02081815 |
| CH11033 | 9.054331 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 32.25 | PL14 | -77.53083336 | 39.02224864 |
| CH11039 | 1.672754 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 4.49 | PL19 | -77.50525844 | 39.06600932 |
| CH11041 | 5.707405 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 77.23 | PL19 | -77.50495468 | 39.06617768 |
| CH1111 | 2.306115 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 60.60 | PL21 | -77.37773085 | 39.05162581 |
| CH1114 | 10.352147 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 32.01 | PL21 | -77.3794115 | 39.0511079 |
| CH11150 | 5.903078 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | MULTI_USE | 21.66 | PL16 | -77.50165792 | 39.088175 |
| CH11190 | 2.346383 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 33.03 | PL16 | -77.49885634 | 39.08600936 |
| CH11192 | 1.625953 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 0.12 | PL16 | -77.49889011 | 39.0864777 |
| CH11203 | 8.138732 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 47.39 | PL16 | -77.49569391 | 39.0863885 |
| CH11293 | 8.473625 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 72.82 | PL20 | -77.48633235 | 39.07717501 |
| CH11319 | 0.117640 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | | | PL16 | -77.49749261 | 39.08215852 |
| CH11324 | 3.572215 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | MULTI_USE | 11.62 | PL16 | -77.49591166 | 39.08299668 |
| CH11325 | 80.877887 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 26.50 | PL16 | -77.4924938 | 39.08293939 |
| CH11348 | 6.658900 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 83.02 | PL16 | -77.51106287 | 39.08988522 |
| CH11358 | 0.618375 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 50.76 | PL16 | -77.51196738 | 39.08964197 |
| CH1136 | 16.429987 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 49.47 | PL21 | -77.38126125 | 39.05055767 |
| CH11360 | 16.441737 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 38.99 | PL16 | -77.51358211 | 39.09171507 |
| CH11395 | 1.187055 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 43.93 | PL16 | -77.5079803 | 39.09017843 |
| CH11396 | 15.054298 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 75.49 | PL16 | -77.51009183 | 39.09123204 |
| CH11401 | 3.421676 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 67.41 | PL16 | -77.51017568 | 39.09008609 |
| CH1141 | 0.902029 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 66.35 | PL21 | -77.38168758 | 39.05249404 |
| CH11425 | 1.832499 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 69.42 | PL16 | -77.51353585 | 39.08899583 |
| CH11430 | 6.186090 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 72.81 | PL16 | -77.51467006 | 39.08973746 |
| CH11440 | 1.989331 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 81.12 | PL16 | -77.51555918 | 39.09038767 |
| CH11467 | 1.555680 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 72.31 | PL16 | -77.5075981 | 39.09978074 |
| CH11469 | 1.460021 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 65.25 | PL16 | -77.50665952 | 39.09966141 |
| CH11479 | 7.533843 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 79.83 | PL16 | -77.50663091 | 39.09878684 |
| CH11490 | 14.388730 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 59.16 | PL16 | -77.50910516 | 39.0987126 |
| CH11499 | 0.522957 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 0.01 | PL16 | -77.51496984 | 39.09788395 |
| CH11501 | 4.707423 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFA | 46.23 | PL16 | -77.51505429 | 39.09661219 |
| CH11508 | 7.709858 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 61.71 | PL16 | -77.51380404 | 39.09571039 |
| CH11565 | 1.319075 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 54.04 | PL19 | -77.42771729 | 39.00764706 |
| CH11566 | 1.177167 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 72.96 | PL19 | -77.42702073 | 39.00778277 |
| CH1229 | 0.950732 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | | | PL21 | -77.36616706 | 39.04516061 |
| CH1232 | 0.645214 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | | | PL21 | -77.36446169 | 39.04484575 |

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 |
|--------|-----------------|-------------|----------|--|-----------------|-------------------|---------------------------|-------|--------------|-------------|
| CH1237 | 3.109254 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 21.24 | PL21 | -77.36844937 | 39.0456124 |
| CH1243 | 16.084085 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 71.16 | PL21 | -77.3721071 | 39.04630353 |
| CH125 | 14.520504 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 59.89 | PL21 | -77.35346962 | 39.03469557 |
| CH1275 | 1.011410 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 96.20 | PL21 | -77.375053 | 39.04969675 |
| CH130 | 0.800026 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 60.37 | PL21 | -77.3536153 | 39.03695622 |
| CH132 | 1.981132 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 48.14 | PL21 | -77.35372423 | 39.0364881 |
| CH1342 | 0.596664 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 99.79 | PL21 | -77.37902807 | 39.04978935 |
| CH140 | 4.520168 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 45.02 | PL21 | -77.35300261 | 39.03704514 |
| CH144 | 0.251031 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 51.04 | PL21 | -77.3542788 | 39.03769279 |
| CH1510 | 2.079325 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 67.03 | PL21 | -77.36525206 | 39.04247055 |
| CH1513 | 4.283256 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 59.89 | PL21 | -77.36442941 | 39.0422111 |
| CH1517 | 5.727589 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 56.66 | PL21 | -77.36486759 | 39.04044888 |
| CH1524 | 3.617133 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 68.61 | PL21 | -77.36581374 | 39.03881526 |
| CH1532 | 20.997056 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 47.83 | PL21 | -77.36810909 | 39.03785213 |
| CH1543 | 4.190247 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 62.95 | PL21 | -77.36674243 | 39.03660403 |
| CH1545 | 53.132696 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 44.72 | PL21 | -77.36922423 | 39.03497745 |
| CH1593 | 1.218752 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 65.16 | PL21 | -77.36584934 | 39.03279118 |
| CH162 | 0.551021 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 0.64 | PL21 | -77.35385212 | 39.03584943 |
| CH1693 | 2.487666 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 63.25 | PL21 | -77.3691732 | 39.03063775 |
| CH1697 | 1.394482 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 75.50 | PL21 | -77.36949395 | 39.03195121 |
| CH17 | 1.296729 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 64.34 | PL21 | -77.3566707 | 39.03127956 |
| CH1701 | 4.512620 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 75.91 | PL21 | -77.36863952 | 39.03190897 |
| CH1703 | 8.013285 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 68.94 | PL21 | -77.37083985 | 39.03323945 |
| CH1714 | 4.692815 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 58.49 | PL21 | -77.36497857 | 39.03162929 |
| CH1719 | 0.927746 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 63.92 | PL21 | -77.36556943 | 39.03126679 |
| CH1726 | 18.163882 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 79.00 | PL21 | -77.37244437 | 39.03272809 |
| CH1732 | 1.085042 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 69.33 | PL21 | -77.37060199 | 39.03071022 |
| CH1742 | 21.157144 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 67.00 | PL21 | -77.37470878 | 39.03232896 |
| CH1753 | 6.038193 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 77.57 | PL21 | -77.3673149 | 39.03234637 |
| CH1755 | 1.462075 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 65.13 | PL21 | -77.37343643 | 39.03057486 |
| CH177 | 1.125576 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 35.89 | PL21 | -77.35071979 | 39.03879032 |
| CH1820 | 6.943917 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 77.06 | PL21 | -77.38587849 | 39.03368593 |
| CH1822 | 2.176840 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 100.00 | PL21 | -77.38360526 | 39.03352373 |
| CH1833 | 13.856403 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 65.50 | PL21 | -77.36831684 | 39.04021966 |
| CH1854 | 7.189146 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 62.21 | PL21 | -77.37015949 | 39.04039922 |
| CH1858 | 5.381194 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 52.90 | PL21 | -77.37095113 | 39.03953881 |
| CH1864 | 3.711672 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 59.82 | PL21 | -77.36848891 | 39.04269039 |
| CH1867 | 11.954228 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 62.28 | PL21 | -77.37110981 | 39.0433246 |
| CH188 | 39.726292 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 34.29 | PL21 | -77.34529095 | 39.04093403 |
| CH1895 | 36.731920 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 58.57 | PL21 | -77.37475794 | 39.04317821 |
| CH1896 | 1.865973 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 67.85 | PL21 | -77.37207639 | 39.04194598 |
| CH1901 | 3.387294 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 67.24 | PL21 | -77.3728513 | 39.04099918 |
| CH1905 | 6.198428 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 60.51 | PL21 | -77.37436363 | 39.04058192 |
| CH1917 | 0.943555 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 94.04 | PL21 | -77.37835785 | 39.03883609 |
| CH1919 | 39.528161 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 37.13 | PL21 | -77.37844653 | 39.04091365 |
| CH1950 | 49.644712 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 33.66 | PL21 | -77.38287788 | 39.03951246 |
| CH1951 | 0.900853 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 80.84 | PL21 | -77.37974983 | 39.03803519 |
| CH1952 | 50.224515 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 29.20 | PL21 | -77.38344741 | 39.03594315 |
| CH1994 | 48.651291 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 43.29 | PL21 | -77.37423252 | 39.03635485 |
| CH20 | 4.649210 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 63.01 | PL21 | -77.35795864 | 39.02961894 |
| CH2085 | 3.477405 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 65.09 | PL21 | -77.3742628 | 39.03826136 |
| CH2091 | 5.377873 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 68.35 | PL21 | -77.37560852 | 39.03797677 |
| CH2095 | 0.629299 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 51.38 | PL21 | -77.37668982 | 39.03793406 |
| CH2096 | 8.264366 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 53.85 | PL21 | -77.37745036 | 39.03614501 |
| CH2125 | 16.265018 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 47.54 | PL21 | -77.37953467 | 39.03591654 |
| CH216 | 0.574789 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 62.90 | PL21 | -77.35147615 | 39.0383622 |
| CH2167 | 11.712692 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 63.13 | PL21 | -77.38329479 | 39.00790202 |
| CH218 | 1.047298 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 54.55 | PL21 | -77.35184181 | 39.03850227 |
| CH219 | 0.230723 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 60.85 | PL21 | -77.35214335 | 39.03823547 |
| CH2201 | 3.498597 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 81.72 | PL21 | -77.38211688 | 39.00678199 |

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 |
|--------|-----------------|-------------|----------|--|---------------------------|-------------------|---------------------------|-------|--------------|-------------|
| CH2204 | 6.768651 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 68.23 | PL21 | -77.38092692 | 39.0073922 |
| CH2224 | 19.381312 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 57.44 | PL21 | -77.38572004 | 39.00810087 |
| CH2238 | 8.150555 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 67.76 | PL21 | -77.38755007 | 39.00919476 |
| CH2243 | 2.075344 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 66.88 | PL21 | -77.39047746 | 39.00826095 |
| CH2247 | 50.415178 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 70.21 | PL21 | -77.38986753 | 39.01105825 |
| CH2254 | 4.663068 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_CHURCH | 55.96 | PL21 | -77.39238761 | 39.00750452 |
| CH2260 | 2.583562 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 61.78 | PL21 | -77.39368439 | 39.00807184 |
| CH2261 | 3.203047 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 61.73 | PL21 | -77.39491514 | 39.00716188 |
| CH2270 | 2.218544 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 81.12 | PL21 | -77.3961019 | 39.00731833 |
| CH2275 | 0.293767 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 0.44 | PL21 | -77.39493651 | 39.0083944 |
| CH2287 | 1.235835 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 65.19 | PL21 | -77.39526122 | 39.00578367 |
| CH2295 | 2.570577 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 42.17 | PL21 | -77.39541902 | 39.00363958 |
| CH2296 | 54.730534 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 44.58 | PL21 | -77.39792939 | 39.00107303 |
| CH2334 | 10.541952 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 45.71 | PL21 | -77.39424368 | 39.00322393 |
| CH234 | 2.761576 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 52.27 | PL21 | -77.35320626 | 39.03884958 |
| CH2351 | 1.120286 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 73.69 | PL21 | -77.39208352 | 39.00289937 |
| CH2359 | 3.613183 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 48.05 | PL21 | -77.39229855 | 39.0037325 |
| CH2378 | 12.268243 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 43.27 | PL21 | -77.39631458 | 39.00588334 |
| CH2385 | 2.264278 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 42.81 | PL21 | -77.39129608 | 39.00487103 |
| CH2386 | 6.614003 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 49.14 | PL21 | -77.38988476 | 39.00381694 |
| CH239 | 0.895597 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 54.63 | PL21 | -77.3523949 | 39.03855205 |
| CH2399 | 1.248658 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 71.58 | PL21 | -77.38944766 | 39.00576959 |
| CH24 | 36.667381 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 65.21 | PL21 | -77.35774925 | 39.03338218 |
| CH2414 | 1.654323 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 62.98 | PL21 | -77.39112 | 39.00598594 |
| CH2418 | 9.897893 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 72.81 | PL21 | -77.39066638 | 39.00086033 |
| CH2419 | 4.605908 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 74.54 | PL21 | -77.39324716 | 39.00163908 |
| CH2477 | 46.277232 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 68.24 | PL21 | -77.38819851 | 39.00139512 |
| CH248 | 2.334622 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 52.52 | PL21 | -77.35371719 | 39.03976935 |
| CH2485 | 27.701529 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 63.36 | PL21 | -77.3858108 | 39.00092928 |
| CH249 | 10.648899 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 49.17 | PL21 | -77.35225895 | 39.03989445 |
| CH2511 | 1.419916 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 62.48 | PL21 | -77.38559054 | 39.00346843 |
| CH2515 | 2.805645 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 85.85 | PL21 | -77.38557077 | 39.00478126 |
| CH2517 | 1.490095 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 55.03 | PL21 | -77.38484494 | 39.00453516 |
| CH2531 | 5.759179 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 63.77 | PL21 | -77.38261436 | 39.00388508 |
| CH2569 | 2.655862 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 67.76 | PL21 | -77.38789061 | 39.00511649 |
| CH2645 | 5.527661 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 62.43 | PL21 | -77.39122985 | 38.998144 |
| CH2646 | 14.557083 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 56.63 | PL21 | -77.39653729 | 38.99783724 |
| CH2650 | 5.421763 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 75.97 | PL21 | -77.39113266 | 38.99920931 |
| CH2657 | 11.394005 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 78.60 | PL21 | -77.39511804 | 39.0002959 |
| CH266 | 4.535720 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 52.73 | PL21 | -77.35100624 | 39.04030546 |
| CH269 | 1.652815 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 55.02 | PL21 | -77.35242944 | 39.04091146 |
| CH2696 | 12.280589 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 78.31 | PL21 | -77.39449387 | 38.99955562 |
| CH277 | 2.166926 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 66.21 | PL21 | -77.34984241 | 39.03911579 |
| CH2786 | 36.144318 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 51.23 | PL21 | -77.39938694 | 39.006177 |
| CH284 | 6.476966 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 68.16 | PL21 | -77.34896649 | 39.03879671 |
| CH2874 | 72.907128 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 69.87 | PL21 | -77.39332384 | 38.99493077 |
| CH2875 | 19.334870 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 76.16 | PL21 | -77.39512964 | 38.99691756 |
| CH2959 | 2.986806 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 72.91 | PL19 | -77.41791751 | 39.00633916 |
| CH2965 | 8.853655 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.55 | PL19 | -77.41659877 | 39.00553515 |
| CH2970 | 3.209131 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 63.25 | PL19 | -77.41579353 | 39.00418717 |
| CH2975 | 13.471062 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 62.68 | PL19 | -77.41440657 | 39.00252216 |
| CH2980 | 2.307383 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 72.89 | PL19 | -77.41287817 | 39.00259779 |
| CH2985 | 3.996330 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 72.83 | PL19 | -77.41283919 | 39.00132873 |
| CH2995 | 2.730149 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.84 | PL19 | -77.41244763 | 39.00005597 |
| CH2999 | 3.671381 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.72 | PL19 | -77.4113954 | 38.99923772 |
| CH3 | 60.575104 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 16.63 | PL21 | -77.35090714 | 39.03100329 |
| CH3003 | 3.343019 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.93 | PL19 | -77.41091818 | 38.99842944 |
| CH301 | 1.184894 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 76.44 | PL21 | -77.34876399 | 39.03793107 |
| CH3016 | 3.935697 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.81 | PL19 | -77.41801079 | 39.00364172 |
| CH3023 | 6.737882 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 75.25 | PL19 | -77.41830486 | 39.00447198 |

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 |
|--------|-----------------|-------------|----------|--|---------------------------|--------------------|---------------------------|-------|---------------|-------------|
| CH3025 | 2.950398 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 79.69 | PL19 | -77.41887377 | 39.00542757 |
| CH3035 | 6.334133 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.82 | PL19 | -77.417772539 | 39.00294144 |
| CH3038 | 71.840689 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 43.42 | PL19 | -77.42094617 | 38.99754722 |
| CH3052 | 12.223412 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 48.35 | PL19 | -77.41678538 | 39.00189943 |
| CH3055 | 4.079909 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 90.92 | PL19 | -77.41536232 | 39.00130489 |
| CH3064 | 6.423384 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 60.63 | PL19 | -77.41529466 | 39.00045516 |
| CH3071 | 4.053356 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.65 | PL19 | -77.41483765 | 38.99959553 |
| CH3076 | 7.725149 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 76.96 | PL19 | -77.413469 | 38.99912038 |
| CH3081 | 2.651960 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 86.29 | PL19 | -77.41363278 | 38.99812604 |
| CH3088 | 5.077523 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.30 | PL19 | -77.41285853 | 38.99771473 |
| CH3112 | 2.595956 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 72.93 | PL19 | -77.42073758 | 39.00432318 |
| CH3122 | 12.993615 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.25 | PL19 | -77.42146575 | 39.00198691 |
| CH3197 | 11.381789 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 89.54 | PL19 | -77.41896657 | 38.99903007 |
| CH3199 | 2.595380 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.41793672 | 38.99966336 |
| CH3214 | 8.169283 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 93.83 | PL19 | -77.41688526 | 38.99822642 |
| CH3215 | 0.826818 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 78.88 | PL19 | -77.4157251 | 38.99797428 |
| CH3232 | 1.533934 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 100.00 | PL19 | -77.41559761 | 38.99724958 |
| CH3240 | 20.225480 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 58.27 | PL19 | -77.41692042 | 38.99561006 |
| CH336 | 4.224808 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 78.33 | PL21 | -77.34905856 | 39.04213969 |
| CH3360 | 59.277381 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 28.63 | PL19 | -77.40285167 | 39.00050269 |
| CH3361 | 2.292564 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 79.30 | PL19 | -77.40436905 | 39.00309475 |
| CH3376 | 3.954903 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.40638485 | 39.00118381 |
| CH3412 | 0.826977 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 64.72 | PL18 | -77.42639707 | 38.99550849 |
| CH3414 | 0.342591 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.42688526 | 38.99509312 |
| CH3418 | 7.359521 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 64.48 | PL18 | -77.42674336 | 38.99576873 |
| CH3439 | 0.782120 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 98.98 | PL18 | -77.42423447 | 38.99377607 |
| CH3440 | 1.436808 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.42427907 | 38.99414855 |
| CH3442 | 1.510167 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 91.57 | PL18 | -77.42444288 | 38.9946697 |
| CH3447 | 12.644977 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 72.68 | PL18 | -77.42429216 | 38.99461737 |
| CH3449 | 0.201251 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_CHURCH | 99.94 | PL18 | -77.4249947 | 38.99349625 |
| CH3452 | 5.672536 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 96.31 | PL18 | -77.42793905 | 38.994625 |
| CH3463 | 3.304079 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.42928373 | 38.99482258 |
| CH3485 | 1.212975 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.42524404 | 38.99456058 |
| CH3488 | 0.625912 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_CHURCH | 82.42 | PL18 | -77.42508824 | 38.99305706 |
| CH3500 | 6.941535 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 45.53 | PL18 | -77.42392572 | 38.99221538 |
| CH3521 | 13.382928 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 66.16 | PL18 | -77.43142816 | 38.99344515 |
| CH357 | 5.036099 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 100.00 | PL21 | -77.35005563 | 39.04146584 |
| CH3631 | 13.847561 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 37.41 | PL19 | -77.4317977 | 39.00014987 |
| CH3632 | 4.984336 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.43368942 | 39.00055662 |
| CH3711 | 3.621627 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 52.67 | PL19 | -77.42685186 | 39.00116154 |
| CH3717 | 29.083944 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 110.20 | PL19 | -77.42944802 | 39.00047995 |
| CH3718 | 8.369406 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 50.91 | PL19 | -77.42911286 | 39.00324119 |
| CH3728 | 3.542564 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 53.37 | PL19 | -77.42784373 | 39.00382226 |
| CH3760 | 2.097729 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 62.32 | PL19 | -77.42610475 | 39.00323142 |
| CH3786 | 13.662628 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.10 | PL19 | -77.42488384 | 39.00521465 |
| CH3882 | 70.942686 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 23.26 | PL19 | -77.42608696 | 38.99886061 |
| CH3897 | 1.146936 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.08 | PL19 | -77.4235883 | 39.00414593 |
| CH3900 | 7.583041 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.42 | PL19 | -77.42231289 | 39.00390978 |
| CH3916 | 2.031196 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 52.16 | PL19 | -77.42127228 | 39.00529461 |
| CH3928 | 3.396313 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 52.97 | PL19 | -77.4227908 | 39.0064957 |
| CH3929 | 17.394121 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 36.17 | PL19 | -77.42442299 | 39.00692194 |
| CH4029 | 5.247696 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 99.51 | PL19 | -77.43058753 | 39.01093098 |
| CH4030 | 2.551547 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 100.00 | PL19 | -77.42997846 | 39.01196499 |
| CH4050 | 3.737241 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 25.59 | PL19 | -77.42871635 | 39.01535785 |
| CH4062 | 3.648326 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 66.50 | PL19 | -77.4294938 | 39.01296499 |
| CH4084 | 0.094385 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.42081624 | 39.00724638 |
| CH4085 | 8.725895 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 22.42 | PL19 | -77.4182352 | 39.00821534 |
| CH4089 | 0.588996 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 31.63 | PL19 | -77.41998116 | 39.00724491 |
| CH4104 | 4.616609 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 32.00 | PL19 | -77.41384459 | 39.00707035 |
| CH4113 | 105.898198 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.75 | PL19 | -77.40552888 | 39.00588343 |

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 |
|--------|-----------------|-------------|----------|--|-------------------------------|--------------------|---------------------------|-------|--------------|-------------|
| CH4151 | 4.896281 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 54.91 | PL19 | -77.42218441 | 39.00828464 |
| CH4177 | 3.288009 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 50.95 | PL19 | -77.42170107 | 39.00960631 |
| CH4182 | 3.101317 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 37.73 | PL19 | -77.42272229 | 39.00943695 |
| CH4193 | 4.008858 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 51.30 | PL19 | -77.42411223 | 39.00972155 |
| CH4205 | 3.888955 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 53.16 | PL19 | -77.42463255 | 39.00893562 |
| CH4211 | 4.830176 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 52.62 | PL19 | -77.42542376 | 39.0081029 |
| CH4214 | 2.029702 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 32.90 | PL19 | -77.42721554 | 39.00975148 |
| CH4252 | 0.187830 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 23.99 | PL19 | -77.42887012 | 39.01148877 |
| CH4275 | 4.001373 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 18.01 | PL19 | -77.41244912 | 38.99715511 |
| CH4286 | 6.786593 | 20700080902 | No | Chesapeake Bay | Horsepen Run | MISC | 39.14 | PL18 | -77.42794931 | 38.98867393 |
| CH4293 | 3.722534 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 62.14 | PL19 | -77.4268726 | 39.00690096 |
| CH4308 | 2.889542 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 100.00 | PL19 | -77.42811026 | 39.01451704 |
| CH4315 | 0.457218 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 93.23 | PL19 | -77.42865156 | 39.01333002 |
| CH4317 | 3.299744 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 99.25 | PL19 | -77.42751505 | 39.0124617 |
| CH4335 | 1.112829 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.42664292 | 39.01203718 |
| CH4336 | 0.607965 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.42639999 | 39.01250353 |
| CH4348 | 1.936675 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.4267966 | 39.01319142 |
| CH4351 | 1.010031 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 99.64 | PL19 | -77.42815025 | 39.01201706 |
| CH4353 | 0.558977 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.4282774 | 39.01254686 |
| CH4361 | 5.224652 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 91.19 | PL19 | -77.42686042 | 39.0109685 |
| CH438 | 6.267884 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 47.85 | PL21 | -77.34790093 | 39.04260342 |
| CH4383 | 0.605294 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 50.89 | PL19 | -77.42658664 | 39.01014965 |
| CH4393 | 6.414238 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 36.70 | PL19 | -77.42808032 | 39.00884761 |
| CH4394 | 1.099787 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 56.85 | PL19 | -77.42636483 | 39.00792241 |
| CH444 | 52.963414 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 50.65 | PL21 | -77.34620318 | 39.04434118 |
| CH4489 | 1.270171 | 20700080902 | No | Chesapeake Bay | Horsepen Run | | | PL18 | -77.43090651 | 38.98762655 |
| CH4517 | 2.150487 | 20700080902 | No | Chesapeake Bay | Horsepen Run | | | PL18 | -77.4299708 | 38.98514528 |
| CH4574 | 5.626584 | 20700080902 | No | Chesapeake Bay | Horsepen Run | VACANT_UNENTITLED | 57.83 | PL18 | -77.42115843 | 38.9640076 |
| CH4589 | 7.658425 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 46.02 | PL19 | -77.41505981 | 39.0142118 |
| CH4609 | 11.524047 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 44.87 | PL19 | -77.41738619 | 39.01430723 |
| CH462 | 1.352942 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 51.34 | PL21 | -77.34997795 | 39.04396026 |
| CH4620 | 0.632913 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 64.16 | PL19 | -77.41591541 | 39.0152522 |
| CH4624 | 2.566057 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 40.59 | PL19 | -77.42021593 | 39.01421061 |
| CH4647 | 9.112902 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 45.27 | PL19 | -77.42056372 | 39.01286396 |
| CH466 | 1.516851 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 50.36 | PL21 | -77.35068493 | 39.04351001 |
| CH4667 | 1.663723 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 16.42 | PL19 | -77.42196936 | 39.0117309 |
| CH4683 | 9.258391 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 54.73 | PL19 | -77.42217824 | 39.01470934 |
| CH469 | 0.745989 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 53.00 | PL21 | -77.35089253 | 39.0438605 |
| CH4704 | 14.875845 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 62.48 | PL19 | -77.42291178 | 39.01277248 |
| CH4738 | 4.979565 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.22 | PL19 | -77.42416841 | 39.01396132 |
| CH478 | 18.060197 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 49.74 | PL21 | -77.35095127 | 39.04521527 |
| CH4807 | 11.703085 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 77.08 | PL19 | -77.41830489 | 39.01030894 |
| CH4818 | 3.263480 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 59.94 | PL19 | -77.41970762 | 39.01061004 |
| CH4837 | 8.346624 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 36.73 | PL21 | -77.38273945 | 39.05137817 |
| CH4840 | 0.545376 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 59.11 | PL21 | -77.38306004 | 39.0526639 |
| CH4842 | 2.649029 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 53.32 | PL21 | -77.38358064 | 39.052079 |
| CH4855 | 3.641700 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 62.28 | PL21 | -77.38445696 | 39.05197194 |
| CH4856 | 1.867175 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 60.21 | PL21 | -77.38538849 | 39.0524414 |
| CH4864 | 47.365805 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 33.05 | PL21 | -77.3851751 | 39.04894374 |
| CH4868 | 1.601075 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 61.42 | PL21 | -77.38664632 | 39.0524162 |
| CH4874 | 28.919707 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_MFA | 24.99 | PL21 | -77.3881431 | 39.04974382 |
| CH492 | 0.910118 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 29.62 | PL21 | -77.3524475 | 39.04380251 |
| CH5013 | 11.283782 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 59.45 | PL20 | -77.39419515 | 39.04884035 |
| CH5044 | 3.473279 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 54.27 | PL20 | -77.39551807 | 39.04964681 |
| CH5052 | 3.474798 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 4.50 | PL20 | -77.39794235 | 39.05117873 |
| CH5143 | 7.054317 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 78.26 | PL20 | -77.39390281 | 39.04637234 |
| CH5161 | 8.027772 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 75.49 | PL20 | -77.39261273 | 39.04553505 |
| CH5181 | 0.296488 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 32.68 | PL20 | -77.3979137 | 39.04890088 |
| CH5184 | 6.713198 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 57.43 | PL20 | -77.39628636 | 39.04790954 |
| CH5203 | 3.593272 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 68.98 | PL20 | -77.39923282 | 39.04818782 |

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 |
|--------|-----------------|-------------|----------|---|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| CH5215 | 6.180666 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 66.59 | PL20 | -77.39646568 | 39.04898248 |
| CH5257 | 4.348339 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 100.00 | PL21 | -77.39229515 | 39.05328916 |
| CH5258 | 33.617811 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | RES_SFD | 46.32 | PL21 | -77.39066168 | 39.0490681 |
| CH5272 | 19.357158 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 44.91 | PL20 | -77.39250333 | 39.04913208 |
| CH5282 | 51.607409 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 63.60 | PL20 | -77.38835115 | 39.04417602 |
| CH5289 | 1.022074 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 68.04 | PL20 | -77.39106245 | 39.04301266 |
| CH5323 | 4.394871 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 67.47 | PL20 | -77.3914457 | 39.0420746 |
| CH5329 | 18.572962 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 83.58 | PL20 | -77.38789752 | 39.04110018 |
| CH5442 | 7.186082 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 41.22 | PL20 | -77.3960068 | 39.04135768 |
| CH5448 | 2.005016 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 0.05 | PL20 | -77.39222201 | 39.04391819 |
| CH5453 | 3.029804 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_NON_PUBLIC | 29.63 | PL20 | -77.39489508 | 39.04296264 |
| CH5476 | 13.956102 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 44.91 | PL20 | -77.3981564 | 39.03708332 |
| CH5491 | 1.057642 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 14.68 | PL20 | -77.39856478 | 39.03902798 |
| CH5507 | 13.093919 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 56.82 | PL20 | -77.39429759 | 39.04089872 |
| CH5523 | 16.525047 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 32.79 | PL20 | -77.39343175 | 39.0383815 |
| CH5590 | 3.637479 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 46.58 | PL20 | -77.39445778 | 39.03606661 |
| CH5595 | 1.641058 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFA | 51.63 | PL20 | -77.39500049 | 39.03689878 |
| CH5597 | 1.085208 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFA | 59.16 | PL20 | -77.39562594 | 39.03738268 |
| CH5605 | 14.430496 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 35.40 | PL20 | -77.39573401 | 39.03881068 |
| CH5612 | 0.461431 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 67.20 | PL20 | -77.39765875 | 39.03916622 |
| CH5624 | 1.320369 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 68.75 | PL20 | -77.39678335 | 39.04009073 |
| CH565 | 1.436245 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | COM_CHURCH | 1.36 | PL21 | -77.35237353 | 39.04246095 |
| CH5688 | 78.819402 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 54.63 | PL20 | -77.38996539 | 39.0328082 |
| CH5689 | 14.486988 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 51.17 | PL20 | -77.39318768 | 39.03362139 |
| CH5704 | 0.707215 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 53.19 | PL20 | -77.39406816 | 39.03549481 |
| CH5708 | 37.478560 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 49.26 | PL20 | -77.39632494 | 39.03441117 |
| CH5744 | 1.772374 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 53.78 | PL20 | -77.39034199 | 39.03615623 |
| CH5757 | 2.990550 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 77.22 | PL20 | -77.39270317 | 39.03718697 |
| CH5829 | 0.827084 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_NON_PUBLIC | 87.63 | PL20 | -77.39492924 | 39.0440775 |
| CH5836 | 1.996092 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_NON_PUBLIC | 77.85 | PL20 | -77.39595727 | 39.0435513 |
| CH5843 | 9.628322 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_MFA | 62.30 | PL20 | -77.39713608 | 39.04239844 |
| CH5861 | 8.170024 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 72.22 | PL20 | -77.39737183 | 39.04442717 |
| CH5894 | 13.943344 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 80.46 | PL20 | -77.39960008 | 39.0446037 |
| CH5916 | 1.335106 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 72.52 | PL20 | -77.40123749 | 39.04396728 |
| CH5926 | 5.215357 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 74.12 | PL20 | -77.3996167 | 39.04276841 |
| CH5950 | 12.243039 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 37.34 | PL20 | -77.39891587 | 39.0415814 |
| CH5959 | 4.336092 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 91.93 | PL20 | -77.39870373 | 39.03984578 |
| CH5961 | 3.260108 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 58.87 | PL20 | -77.40182068 | 39.04071513 |
| CH5975 | 9.507087 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 62.77 | PL20 | -77.4023316 | 39.03956832 |
| CH6012 | 10.285811 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 51.64 | PL20 | -77.40101857 | 39.03787167 |
| CH6014 | 0.891806 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 59.91 | PL20 | -77.40075449 | 39.03940551 |
| CH6023 | 0.902079 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFA | 38.20 | PL20 | -77.39971158 | 39.03843878 |
| CH6047 | 3.956225 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 34.15 | PL20 | -77.40455806 | 39.0378978 |
| CH6052 | 10.420832 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 40.00 | PL20 | -77.40306482 | 39.0378641 |
| CH6126 | 5.682081 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 53.44 | PL20 | -77.40476674 | 39.03646312 |
| CH6128 | 1.393915 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 99.35 | PL20 | -77.40308151 | 39.0350595 |
| CH6138 | 6.084708 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 64.44 | PL20 | -77.40281833 | 39.03590496 |
| CH6139 | 0.112814 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 98.84 | PL20 | -77.40463795 | 39.03548433 |
| CH6142 | 6.772042 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 77.94 | PL20 | -77.40163173 | 39.03550391 |
| CH617 | 4.330787 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | RES_SFD | 61.24 | PL21 | -77.34374457 | 39.04713125 |
| CH6170 | 4.058468 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 99.36 | PL20 | -77.40441497 | 39.03286621 |
| CH6179 | 3.679345 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 51.65 | PL20 | -77.40568679 | 39.03372766 |
| CH62 | 2.199448 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | RES_SFD | 68.96 | PL21 | -77.35776515 | 39.03145729 |
| CH6203 | 1.122124 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 87.42 | PL20 | -77.40135168 | 39.03426211 |
| CH6223 | 5.504897 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 26.60 | PL20 | -77.40552786 | 39.03478951 |
| CH6225 | 1.271887 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 15.67 | PL20 | -77.40527963 | 39.03549749 |
| CH6256 | 5.496803 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 99.52 | PL20 | -77.40855043 | 39.03511804 |
| CH6260 | 0.664400 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 38.65 | PL20 | -77.40697698 | 39.03538997 |
| CH6272 | 2.680797 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 100.00 | PL20 | -77.40736977 | 39.03505723 |
| CH634 | 16.053247 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | RES_SFD | 70.24 | PL21 | -77.34690282 | 39.04784635 |

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 |
|--------|-----------------|-------------|----------|---|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| CH6360 | 0.289017 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 98.69 | PL20 | -77.39852621 | 39.03221614 |
| CH6361 | 15.775822 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 82.35 | PL20 | -77.39772267 | 39.03326173 |
| CH6399 | 5.822451 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_MFST | 21.22 | PL20 | -77.39554665 | 39.03093621 |
| CH6400 | 0.298901 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_HOTEL | 66.54 | PL20 | -77.39701638 | 39.02997049 |
| CH6411 | 0.999244 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 100.00 | PL20 | -77.40016005 | 39.03405934 |
| CH6414 | 0.873631 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 100.00 | PL20 | -77.40031684 | 39.03350772 |
| CH6419 | 1.442971 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 99.94 | PL20 | -77.39943061 | 39.03327289 |
| CH6431 | 1.339139 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 62.01 | PL20 | -77.3977286 | 39.03196142 |
| CH6432 | 6.104099 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 49.75 | PL20 | -77.39704415 | 39.03108076 |
| CH6547 | 1.673259 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFA | 70.80 | PL20 | -77.39553807 | 39.03027526 |
| CH6550 | 0.927045 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_MFST | 52.13 | PL20 | -77.39507762 | 39.0302314 |
| CH6570 | 78.538236 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | VACANT_ENTITLED | 19.39 | PL20 | -77.39596254 | 39.02493736 |
| CH6571 | 0.813226 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_HOTEL | 100.00 | PL20 | -77.3974515 | 39.02912634 |
| CH6576 | 0.476789 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_HOTEL | 68.37 | PL20 | -77.39835563 | 39.02954346 |
| CH6578 | 2.102920 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_HOTEL | 79.66 | PL20 | -77.39786506 | 39.02967855 |
| CH6581 | 4.489751 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 100.00 | PL20 | -77.39464836 | 39.02814124 |
| CH6582 | 0.718342 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_MFST | 88.38 | PL20 | -77.39480553 | 39.03008009 |
| CH659 | 9.350142 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | RES_SFD | 77.25 | PL21 | -77.34483924 | 39.04828837 |
| CH6606 | 0.932912 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 100.00 | PL20 | -77.39409459 | 39.02868146 |
| CH6607 | 6.743927 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 100.00 | PL20 | -77.39198463 | 39.02946334 |
| CH6610 | 1.356462 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 100.00 | PL20 | -77.39346579 | 39.02811011 |
| CH6613 | 0.888744 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 100.00 | PL20 | -77.39274445 | 39.02821382 |
| CH6625 | 0.952968 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 100.00 | PL20 | -77.39276835 | 39.02661792 |
| CH6626 | 1.201206 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 84.10 | PL20 | -77.39108904 | 39.02733075 |
| CH6637 | 8.779892 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 59.53 | PL20 | -77.3900413 | 39.0277212 |
| CH6652 | 2.958557 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 37.79 | PL19 | -77.43823057 | 39.04879971 |
| CH6653 | 0.981843 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 55.36 | PL19 | -77.43818859 | 39.04806252 |
| CH6677 | 2.176122 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 73.93 | PL19 | -77.44134038 | 39.0479622 |
| CH6679 | 2.483930 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 100.00 | PL19 | -77.44083622 | 39.04758259 |
| CH668 | 4.819798 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | RES_SFD | 69.43 | PL21 | -77.34350487 | 39.04917728 |
| CH6682 | 14.582170 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 43.08 | PL19 | -77.43897681 | 39.04911593 |
| CH6690 | 6.892522 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 20.90 | PL19 | -77.43995072 | 39.0503766 |
| CH6693 | 1.269931 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 20.89 | PL19 | -77.45981628 | 39.05985137 |
| CH6710 | 5.892997 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 63.71 | PL19 | -77.46136256 | 39.05850554 |
| CH6716 | 4.746637 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 91.35 | PL19 | -77.46290598 | 39.06114993 |
| CH6724 | 2.120783 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 18.18 | PL19 | -77.45099267 | 39.05081948 |
| CH6738 | 1.403014 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 16.07 | PL19 | -77.44866718 | 39.0279271 |
| CH6756 | 0.748730 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 61.86 | PL19 | -77.46526911 | 39.05734642 |
| CH6761 | 1.146675 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 17.26 | PL19 | -77.46331968 | 39.0574453 |
| CH6801 | 5.094549 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 88.73 | PL19 | -77.46439555 | 39.06095079 |
| CH6808 | 2.883342 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 90.94 | PL19 | -77.46421481 | 39.05967865 |
| CH6809 | 1.885734 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 98.90 | PL19 | -77.46385284 | 39.0581484 |
| CH6819 | 2.442454 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 85.03 | PL19 | -77.46349497 | 39.0590261 |
| CH682 | 4.292030 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | RES_SFD | 66.01 | PL21 | -77.34728975 | 39.04970029 |
| CH6830 | 3.267441 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 71.30 | PL19 | -77.4631604 | 39.05798843 |
| CH6833 | 6.097636 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 99.91 | PL19 | -77.46741053 | 39.05872097 |
| CH6835 | 6.410309 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 98.52 | PL19 | -77.46836029 | 39.05945745 |
| CH6837 | 6.768370 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 89.51 | PL19 | -77.46842874 | 39.06028022 |
| CH6854 | 5.724741 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 8.19 | PL19 | -77.47157624 | 39.06312616 |
| CH6867 | 3.939292 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 59.49 | PL19 | -77.47492593 | 39.06131453 |
| CH687 | 2.013218 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 73.22 | PL21 | -77.34526669 | 39.05036759 |
| CH6880 | 2.209349 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 27.12 | PL19 | -77.47578884 | 39.05985675 |
| CH6890 | 0.462306 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 16.06 | PL19 | -77.47740789 | 39.0585554 |
| CH6891 | 15.532916 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 63.70 | PL19 | -77.47921368 | 39.05953403 |
| CH6930 | 4.656723 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 5.02 | PL19 | -77.47565037 | 39.05391687 |
| CH6944 | 7.964397 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 43.54 | PL19 | -77.47641403 | 39.05070912 |
| CH6952 | 5.884068 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 49.53 | PL19 | -77.47471338 | 39.05046055 |
| CH6968 | 0.576512 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 67.80 | PL19 | -77.47173813 | 39.04924585 |
| CH6972 | 1.528058 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 33.92 | PL19 | -77.47164116 | 39.04825333 |
| CH6973 | 11.729666 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 23.72 | PL19 | -77.47101789 | 39.04700108 |

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 |
|--------|-----------------|-------------|----------|--|---------------------------|----------------------|---------------------------|-------|--------------|--------------|
| CH7073 | 46.468913 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 38.43 | PL19 | -77.48433704 | 39.04913973 |
| CH7093 | 9.791190 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 45.33 | PL19 | -77.48203026 | 39.046707 |
| CH7094 | 9.527916 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 59.00 | PL19 | -77.48137197 | 39.045333991 |
| CH7208 | 20.162711 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 35.90 | PL19 | -77.46858888 | 39.03546219 |
| CH7235 | 1.713381 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 62.68 | PL19 | -77.46522832 | 39.03489461 |
| CH7236 | 1.571656 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 14.90 | PL19 | -77.46468769 | 39.03451674 |
| CH7237 | 0.430656 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 77.19 | PL19 | -77.46334785 | 39.0343318 |
| CH7241 | 1.607399 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 21.10 | PL19 | -77.46198657 | 39.03446687 |
| CH7257 | 9.185763 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | PUBLIC | 71.16 | PL19 | -77.4606309 | 39.03510363 |
| CH7319 | 7.168280 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 51.26 | PL19 | -77.47967005 | 39.06131625 |
| CH7321 | 6.910037 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 97.55 | PL19 | -77.48005836 | 39.06251367 |
| CH7336 | 1.856776 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 63.28 | PL19 | -77.47971057 | 39.0584739 |
| CH7343 | 3.882334 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 43.17 | PL19 | -77.47811465 | 39.05734152 |
| CH7344 | 1.177302 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 57.34 | PL19 | -77.47917991 | 39.05643425 |
| CH7345 | 0.343012 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 91.82 | PL19 | -77.47831292 | 39.05642902 |
| CH7359 | 3.248814 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 42.66 | PL19 | -77.47737973 | 39.05638696 |
| CH7366 | 21.618365 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 49.55 | PL19 | -77.48181052 | 39.05650555 |
| CH7386 | 7.340425 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.02 | PL19 | -77.47921753 | 39.05522872 |
| CH7387 | 4.137365 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 58.47 | PL19 | -77.47645693 | 39.05527121 |
| CH7412 | 0.799193 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 99.51 | PL19 | -77.47691383 | 39.05082697 |
| CH7422 | 3.101417 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 43.36 | PL19 | -77.4787516 | 39.05046056 |
| CH7423 | 1.102399 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 58.84 | PL19 | -77.47923078 | 39.05082124 |
| CH7438 | 0.563934 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 70.23 | PL19 | -77.48020959 | 39.05087539 |
| CH7440 | 3.941037 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 63.36 | PL19 | -77.48180703 | 39.05086966 |
| CH7453 | 1.682471 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 42.34 | PL19 | -77.48153798 | 39.05014558 |
| CH7455 | 1.603102 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.98 | PL19 | -77.48084149 | 39.04998924 |
| CH7459 | 1.792939 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.29 | PL19 | -77.4788316 | 39.04956522 |
| CH7464 | 1.494280 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 45.64 | PL19 | -77.48003787 | 39.05007484 |
| CH7466 | 1.575444 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 76.63 | PL19 | -77.48048429 | 39.04871153 |
| CH7480 | 3.870745 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 61.35 | PL19 | -77.47919869 | 39.04821436 |
| CH7483 | 4.288624 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.40 | PL19 | -77.47872171 | 39.04750939 |
| CH7496 | 4.816542 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.60 | PL19 | -77.47884169 | 39.04703441 |
| CH7501 | 1.620458 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 63.90 | PL19 | -77.47733927 | 39.04939354 |
| CH7507 | 2.718264 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 46.77 | PL19 | -77.47622171 | 39.04909899 |
| CH7509 | 1.503395 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 52.46 | PL19 | -77.47593076 | 39.04845147 |
| CH7511 | 2.713613 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 61.17 | PL19 | -77.47515686 | 39.0493104 |
| CH7517 | 2.255417 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 50.47 | PL19 | -77.47424868 | 39.04879142 |
| CH7519 | 0.897984 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 45.84 | PL19 | -77.4738718 | 39.04923485 |
| CH7535 | 11.448771 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 49.76 | PL19 | -77.4840302 | 39.05201163 |
| CH7569 | 29.572205 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 37.60 | PL19 | -77.48272632 | 39.05332542 |
| CH7578 | 21.603939 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 42.81 | PL19 | -77.48163661 | 39.05454883 |
| CH7638 | 6.343214 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 99.21 | PL19 | -77.47902824 | 39.06775913 |
| CH7658 | 6.046851 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 99.88 | PL19 | -77.47970459 | 39.06678371 |
| CH7661 | 1.788547 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 34.21 | PL19 | -77.48045669 | 39.06709614 |
| CH7711 | 1.089623 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 100.00 | PL19 | -77.47317199 | 39.04572308 |
| CH7715 | 2.381431 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 99.90 | PL19 | -77.47388763 | 39.04611539 |
| CH7721 | 8.815197 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 47.21 | PL19 | -77.47559726 | 39.04546165 |
| CH7723 | 3.146793 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 64.47 | PL19 | -77.47696352 | 39.045797 |
| CH7724 | 5.274108 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 57.15 | PL19 | -77.47816663 | 39.04554788 |
| CH7737 | 1.216765 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 26.08 | PL19 | -77.47362866 | 39.04511291 |
| CH78 | 6.881197 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 42.87 | PL21 | -77.35065514 | 39.03563092 |
| CH786 | 0.630265 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 43.59 | PL21 | -77.34444927 | 39.05074571 |
| CH791 | 0.642483 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 60.21 | PL21 | -77.3431835 | 39.05048739 |
| CH7942 | 0.878219 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.61 | PL19 | -77.48133072 | 39.04119883 |
| CH8037 | 6.066011 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 40.02 | PL19 | -77.47601253 | 39.05698189 |
| CH8042 | 2.775532 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 53.12 | PL19 | -77.47594366 | 39.05771131 |
| CH8045 | 1.735035 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 55.27 | PL19 | -77.47668159 | 39.05810073 |
| CH8070 | 3.864892 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.73 | PL19 | -77.47390275 | 39.05611729 |
| CH8075 | 0.975558 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 58.58 | PL19 | -77.47214173 | 39.05509222 |
| CH8078 | 2.365814 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 53.46 | PL19 | -77.47212344 | 39.05445247 |

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 |
|--------|-----------------|-------------|----------|--|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| CH8082 | 1.682103 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 62.11 | PL19 | -77.47098787 | 39.05318845 |
| CH8089 | 2.659365 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 63.64 | PL19 | -77.47159681 | 39.05195981 |
| CH8095 | 15.126211 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 57.00 | PL19 | -77.47344499 | 39.05417443 |
| CH8099 | 1.087746 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 62.02 | PL19 | -77.47330795 | 39.05235827 |
| CH8105 | 2.047427 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 56.85 | PL19 | -77.47459281 | 39.05328986 |
| CH8111 | 2.748119 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 47.54 | PL19 | -77.47510503 | 39.05404243 |
| CH8127 | 0.731712 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 98.52 | PL19 | -77.47676839 | 39.05956158 |
| CH8129 | 0.639814 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 99.69 | PL19 | -77.4767441 | 39.05912265 |
| CH8143 | 0.320406 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 92.21 | PL19 | -77.47815793 | 39.05173599 |
| CH8144 | 8.810895 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 66.67 | PL19 | -77.47758704 | 39.05261358 |
| CH8179 | 2.347222 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 49.55 | PL19 | -77.47341045 | 39.05080984 |
| CH8183 | 1.929734 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 53.65 | PL19 | -77.47286394 | 39.05058147 |
| CH8184 | 2.430251 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 52.11 | PL19 | -77.47242318 | 39.05017219 |
| CH8193 | 0.957071 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 52.03 | PL19 | -77.47162845 | 39.04998407 |
| CH8197 | 1.925408 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 51.24 | PL19 | -77.47113713 | 39.04949898 |
| CH8208 | 5.406134 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 59.15 | PL19 | -77.46937551 | 39.04782161 |
| CH8232 | 10.698655 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 55.08 | PL19 | -77.46934387 | 39.04580687 |
| CH8233 | 40.882484 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 28.79 | PL19 | -77.47230545 | 39.04404811 |
| CH8273 | 1.888149 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.03 | PL19 | -77.46765631 | 39.04377217 |
| CH828 | 23.484158 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 51.70 | PL21 | -77.34063314 | 39.05327786 |
| CH8325 | 17.474386 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.44 | PL19 | -77.46754081 | 39.04195556 |
| CH8355 | 15.422508 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.00 | PL19 | -77.46742008 | 39.03985499 |
| CH8360 | 92.665153 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 22.95 | PL19 | -77.47271332 | 39.04026627 |
| CH8368 | 3.437170 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 61.46 | PL19 | -77.46734023 | 39.03851421 |
| CH8458 | 4.673265 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 45.20 | PL19 | -77.46826765 | 39.03679433 |
| CH8459 | 0.201128 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 52.70 | PL19 | -77.46767849 | 39.0373909 |
| CH8476 | 10.926754 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 63.83 | PL19 | -77.46561908 | 39.03591792 |
| CH8484 | 2.847313 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 61.62 | PL19 | -77.46509873 | 39.03678537 |
| CH8490 | 0.943111 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 53.70 | PL19 | -77.46630037 | 39.03689553 |
| CH8520 | 2.105568 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 22.33 | PL19 | -77.4614584 | 39.03923978 |
| CH8530 | 3.069691 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 37.67 | PL19 | -77.46177262 | 39.03641042 |
| CH8531 | 1.057674 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 73.33 | PL19 | -77.46178729 | 39.03551072 |
| CH8539 | 0.530170 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 60.48 | PL19 | -77.46261065 | 39.03646271 |
| CH8547 | 9.818921 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 54.87 | PL19 | -77.46213884 | 39.03801435 |
| CH855 | 10.410366 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 22.06 | PL21 | -77.33498333 | 39.05047064 |
| CH8574 | 3.241447 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 92.94 | PL19 | -77.46360529 | 39.03377063 |
| CH8600 | 2.531557 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 88.32 | PL19 | -77.46482619 | 39.03347729 |
| CH8602 | 2.603955 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 99.98 | PL19 | -77.46336863 | 39.03306826 |
| CH8608 | 2.399790 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 98.88 | PL19 | -77.46595161 | 39.03382174 |
| CH8615 | 1.353093 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.46675909 | 39.03361726 |
| CH8617 | 4.575729 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 52.17 | PL19 | -77.46982262 | 39.03489823 |
| CH8644 | 8.075668 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 54.12 | PL19 | -77.46984973 | 39.03433164 |
| CH8645 | 12.276045 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 68.44 | PL19 | -77.4719875 | 39.03571644 |
| CH8720 | 1.727180 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL19 | -77.44475609 | 39.02698041 |
| CH8722 | 1.214501 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL19 | -77.44548004 | 39.02725638 |
| CH8726 | 1.732246 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL19 | -77.44448133 | 39.02649877 |
| CH8728 | 0.184073 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL19 | -77.44420349 | 39.02615286 |
| CH8732 | 8.239996 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL19 | -77.44306474 | 39.02610075 |
| CH8735 | 1.666180 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 94.38 | PL19 | -77.44422093 | 39.0275705 |
| CH8749 | 2.072749 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 59.86 | PL19 | -77.44823646 | 39.02319171 |
| CH8750 | 6.018884 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 30.85 | PL19 | -77.44819387 | 39.0252134 |
| CH8755 | 4.470777 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 76.64 | PL19 | -77.44817004 | 39.02254225 |
| CH8757 | 2.529664 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 72.87 | PL19 | -77.44798973 | 39.02192279 |
| CH8763 | 1.512152 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 15.72 | PL19 | -77.44793455 | 39.0204898 |
| CH8764 | 0.299504 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 5.21 | PL19 | -77.44716892 | 39.02138557 |
| CH8766 | 0.969984 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 2.59 | PL19 | -77.44765673 | 39.02038092 |
| CH8795 | 4.839449 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 93.78 | PL19 | -77.43355316 | 39.02007387 |
| CH8810 | 0.544280 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 48.88 | PL19 | -77.43525482 | 39.02075646 |
| CH8820 | 15.661900 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 59.53 | PL19 | -77.43520321 | 39.02143903 |
| CH8835 | 2.193855 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 94.48 | PL19 | -77.43575835 | 39.02259187 |

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 |
|--------|-----------------|-------------|----------|---|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| CH8837 | 2.865748 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 58.14 | PL19 | -77.43449758 | 39.02232795 |
| CH8838 | 10.194054 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 58.90 | PL19 | -77.43313831 | 39.02288565 |
| CH8841 | 0.638007 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 23.94 | PL19 | -77.43636907 | 39.02260084 |
| CH8844 | 3.505314 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 91.07 | PL19 | -77.45686184 | 39.02626892 |
| CH8856 | 5.498888 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 3.95 | PL19 | -77.43316337 | 39.01346923 |
| CH8868 | 2.525953 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 9.98 | PL19 | -77.43277826 | 39.01304898 |
| CH8873 | 23.105656 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 63.80 | PL45 | -77.49214666 | 38.90228034 |
| CH8883 | 35.963466 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 67.76 | PL45 | -77.49452248 | 38.90388107 |
| CH8925 | 1.771925 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 66.94 | PL45 | -77.49621613 | 38.90169368 |
| CH8954 | 4.455575 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 68.28 | PL45 | -77.49751665 | 38.90366373 |
| CH8957 | 1.679921 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 61.41 | PL45 | -77.49928028 | 38.90282288 |
| CH8964 | 1.598582 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 80.29 | PL45 | -77.49915454 | 38.90237513 |
| CH8972 | 1.593303 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 59.10 | PL45 | -77.49884476 | 38.90186546 |
| CH898 | 2.693484 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 64.89 | PL21 | -77.33914029 | 39.0517561 |
| CH9016 | 8.050201 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 72.04 | PL45 | -77.50536637 | 38.900921 |
| CH9020 | 0.686751 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | MULTI_USE | 17.93 | PL45 | -77.50778796 | 38.90080514 |
| CH9023 | 0.502137 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | MULTI_USE | 0.19 | PL45 | -77.50667091 | 38.90017604 |
| CH9081 | 45.539000 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 57.98 | PL45 | -77.50188245 | 38.90137219 |
| CH9082 | 0.904816 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 81.40 | PL45 | -77.50572203 | 38.90001048 |
| CH91 | 0.995582 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 75.65 | PL21 | -77.35026096 | 39.03679438 |
| CH9108 | 1.855534 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 26.38 | PL45 | -77.49820038 | 38.9013461 |
| CH9117 | 0.805057 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 53.14 | PL45 | -77.49776981 | 38.90045612 |
| CH912 | 5.553111 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 50.11 | PL21 | -77.33661838 | 39.04938094 |
| CH9120 | 2.793801 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 77.02 | PL45 | -77.49852827 | 38.90051812 |
| CH9122 | 2.017899 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 57.99 | PL45 | -77.49834243 | 38.89967338 |
| CH9135 | 0.680374 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 52.81 | PL45 | -77.49777554 | 38.8984039 |
| CH9139 | 3.106812 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 54.27 | PL45 | -77.49827541 | 38.89835789 |
| CH9149 | 3.494693 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 65.62 | PL45 | -77.49786611 | 38.89706619 |
| CH9152 | 1.969010 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 82.88 | PL45 | -77.49788131 | 38.89638111 |
| CH9154 | 3.496547 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 50.85 | PL45 | -77.49770988 | 38.89563216 |
| CH9188 | 4.298194 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 48.34 | PL45 | -77.49766451 | 38.89452474 |
| CH9197 | 2.390415 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 38.12 | PL45 | -77.49769214 | 38.89357243 |
| CH9220 | 9.647476 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 79.71 | PL45 | -77.4977898 | 38.89189029 |
| CH9241 | 4.820236 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 75.62 | PL45 | -77.49721438 | 38.8899696 |
| CH9242 | 6.131177 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 65.54 | PL45 | -77.49817127 | 38.88936023 |
| CH9286 | 7.128160 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 71.23 | PL45 | -77.499776 | 38.88957742 |
| CH9288 | 7.454713 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 77.59 | PL45 | -77.49930432 | 38.89116625 |
| CH9315 | 9.060524 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 78.73 | PL45 | -77.50003233 | 38.89220207 |
| CH9341 | 10.689602 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 30.76 | PL45 | -77.49954141 | 38.89416013 |
| CH9377 | 15.459160 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 29.21 | PL45 | -77.49968825 | 38.8965312 |
| CH9424 | 16.892696 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 51.93 | PL45 | -77.50063175 | 38.8987861 |
| CH943 | 1.680599 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 74.91 | PL21 | -77.33921692 | 39.04771232 |
| CH9466 | 4.387122 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 77.64 | PL45 | -77.50235176 | 38.89366835 |
| CH9494 | 1.731943 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 62.23 | PL45 | -77.50250065 | 38.89101665 |
| CH9508 | 8.462217 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 72.30 | PL45 | -77.50392626 | 38.89289827 |
| CH9518 | 8.292362 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 73.07 | PL45 | -77.50432636 | 38.89542802 |
| CH954 | 8.710426 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 4.23 | PL21 | -77.33811207 | 39.04618777 |
| CH9541 | 10.422881 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 59.45 | PL45 | -77.50477969 | 38.89778735 |
| CH9563 | 1.638714 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 60.47 | PL45 | -77.49042995 | 38.90983006 |
| CH9568 | 36.262737 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 44.79 | PL45 | -77.49301584 | 38.90915829 |
| CH9573 | 0.636922 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 0.09 | PL45 | -77.48944177 | 38.90920669 |
| CH9576 | 0.645906 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_NON_PUBLIC | 0.30 | PL45 | -77.49016896 | 38.90700161 |
| CH9608 | 20.728079 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 55.93 | PL45 | -77.49276469 | 38.90634869 |
| CH961 | 6.787109 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 9.34 | PL21 | -77.33944609 | 39.04546563 |
| CH9613 | 2.386161 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 73.05 | PL45 | -77.48849018 | 38.90621769 |
| CH9622 | 3.016224 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 68.93 | PL45 | -77.48588689 | 38.9071429 |
| CH9676 | 78.936195 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 42.31 | PL45 | -77.51675823 | 38.89977071 |
| CH9704 | 4.649132 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 61.47 | PL45 | -77.51155125 | 38.89992687 |
| CH9709 | 11.137680 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 73.41 | PL45 | -77.51240068 | 38.90123769 |
| CH9710 | 0.321750 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 32.82 | PL45 | -77.51060775 | 38.90163433 |

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 |
|---------|-----------------|-------------|----------|---|---------------------------|--------------------|---------------------------|-------|--------------|-------------|
| CH972 | 2.298654 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | HOA | 33.86 | PL21 | -77.37086249 | 39.04708435 |
| CH9781 | 15.935475 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 67.34 | PL14 | -77.52484262 | 39.01862167 |
| CH9814 | 8.148640 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 68.96 | PL14 | -77.52638626 | 39.02218431 |
| CH982 | 13.803534 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | RES_SFD | 75.43 | PL21 | -77.36964263 | 39.04804337 |
| CH9852 | 27.882521 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 40.32 | PL19 | -77.52365302 | 39.02060738 |
| CH9853 | 5.258543 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 59.10 | PL19 | -77.51919234 | 39.01817203 |
| CH986 | 1.068049 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | RES_SFD | 77.42 | PL21 | -77.36827591 | 39.04721786 |
| CH9861 | 17.146422 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 70.90 | PL14 | -77.52216534 | 39.01724563 |
| CH9893 | 3.852676 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 55.87 | PL19 | -77.51954448 | 39.02103715 |
| CH9894 | 0.730748 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 44.19 | PL19 | -77.51965735 | 39.01904427 |
| CH991 | 2.399687 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | RES_SFD | 84.07 | PL21 | -77.3685201 | 39.04667406 |
| CH9919 | 5.612480 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 59.83 | PL19 | -77.52060731 | 39.02298964 |
| CH9920 | 14.611406 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 48.46 | PL19 | -77.52272737 | 39.02396258 |
| CH9944 | 12.505338 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 62.21 | PL19 | -77.52141336 | 39.02558915 |
| CH9964 | 5.655023 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.93 | PL19 | -77.51881258 | 39.02752129 |
| CH9966 | 0.284015 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.09 | PL19 | -77.51757804 | 39.02952261 |
| CH9971 | 2.669879 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 87.86 | PL19 | -77.51839362 | 39.03030349 |
| CH9996 | 1.340504 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 0.56 | PL19 | -77.51439729 | 39.0299408 |
| CP10001 | 4.900002 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 99.82 | PL19 | -77.45682373 | 39.05794441 |
| CP10022 | 0.600814 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 42.43 | PL19 | -77.46005305 | 39.05791336 |
| CP1010 | 0.327814 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | | | PL17 | -77.56200515 | 38.93622531 |
| CP10114 | 4.491848 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 53.55 | PL19 | -77.45541256 | 39.05045353 |
| CP10155 | 5.639402 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 56.41 | PL19 | -77.49037371 | 39.04987187 |
| CP10179 | 0.339123 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 98.25 | PL19 | -77.49239462 | 39.05042508 |
| CP10180 | 1.642484 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 52.54 | PL19 | -77.49073874 | 39.05060822 |
| CP10188 | 0.861841 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 59.16 | PL19 | -77.49328901 | 39.04972295 |
| CP10192 | 0.317192 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 52.30 | PL19 | -77.49332865 | 39.04812696 |
| CP10193 | 1.119085 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 69.64 | PL19 | -77.49379197 | 39.04839139 |
| CP10196 | 0.607411 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 69.88 | PL19 | -77.49362773 | 39.04935503 |
| CP10203 | 6.321176 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 100.00 | PL19 | -77.41660452 | 39.0275008 |
| CP10229 | 5.410395 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 100.00 | PL19 | -77.41642208 | 39.02878553 |
| CP10278 | 6.858422 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.52 | PL19 | -77.50199061 | 39.029948 |
| CP10288 | 3.594256 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | PUBLIC | 66.22 | PL19 | -77.50240467 | 39.05385557 |
| CP10291 | 8.271206 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 92.10 | PL19 | -77.50215424 | 39.05471265 |
| CP10334 | 7.528922 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 98.81 | PL19 | -77.50351574 | 39.05728966 |
| CP10338 | 4.350078 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.50254759 | 39.05585404 |
| CP10400 | 1.163817 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 100.00 | PL18 | -77.41330312 | 38.97405856 |
| CP1042 | 14.695890 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 54.83 | PL17 | -77.55559027 | 38.93382283 |
| CP1044 | 2.768815 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 0.04 | PL17 | -77.56014144 | 38.93556067 |
| CP10485 | 34.173415 | 20700080602 | Yes | Goose Creek (Benthic), Chesapeake Bay | North Fork Goose Creek | RES_SFD | 78.13 | PL12 | -77.66844456 | 39.13058814 |
| CP1058 | 3.587718 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_UNENTITLED | 37.86 | PL45 | -77.52878369 | 38.93252243 |
| CP1061 | 1.684765 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OFFICE_MEDICAL | 95.72 | PL45 | -77.52962717 | 38.93168372 |
| CP1065 | 5.046515 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_CHURCH | 78.48 | PL45 | -77.53051351 | 38.93145713 |
| CP1068 | 0.318138 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_UNENTITLED | 16.94 | PL45 | -77.52875084 | 38.93145194 |
| CP10731 | 13.320789 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 52.28 | PL18 | -77.41188113 | 38.97377117 |
| CP1084 | 0.296483 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OFFICE_MEDICAL | 94.26 | PL45 | -77.52959448 | 38.93251325 |
| CP1154 | 7.647629 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_LIGHT_IND_FLEX | 55.00 | PL45 | -77.46994071 | 38.91661124 |
| CP1174 | 2.951689 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 96.05 | PL45 | -77.46923371 | 38.91711377 |
| CP1193 | 0.421061 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_LIGHT_IND_FLEX | 58.57 | PL45 | -77.4712717 | 38.91714213 |
| CP1278 | 3.455643 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 42.50 | PL17 | -77.51070586 | 38.98381455 |
| CP1280 | 1.527272 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | | | PL17 | -77.50841725 | 38.98406329 |
| CP1284 | 1.144271 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 38.54 | PL17 | -77.50766533 | 38.9847232 |
| CP1299 | 3.207452 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 36.97 | PL17 | -77.50685468 | 38.98566743 |
| CP1325 | 0.765089 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 100.00 | PL17 | -77.48395996 | 38.99558977 |
| CP1326 | 3.624035 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 71.61 | PL17 | -77.48428988 | 38.99636706 |
| CP1359 | 1.345194 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_HOTEL | 52.44 | PL17 | -77.482639 | 38.99776661 |
| CP1370 | 3.706073 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_HOTEL | 99.98 | PL17 | -77.48189218 | 38.99705753 |
| CP1372 | 0.381318 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 99.94 | PL17 | -77.48234947 | 38.99614518 |
| CP1374 | 0.216878 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 79.08 | PL17 | -77.48248727 | 38.99643556 |
| CP1380 | 2.215575 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | MULTI_USE | 65.04 | PL17 | -77.48146101 | 38.99641115 |

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 |
|--------|-----------------|-------------|----------|---|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| CP1391 | 2.289892 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 0.03 | PL19 | -77.47512922 | 39.00249354 |
| CP1408 | 4.299772 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 4.76 | PL19 | -77.47393113 | 39.00519992 |
| CP1410 | 1.675489 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 7.51 | PL19 | -77.47207446 | 39.00735944 |
| CP1416 | 5.087801 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 31.03 | PL19 | -77.46967348 | 39.00881053 |
| CP1435 | 2.495658 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 0.86 | PL19 | -77.46574085 | 39.00901744 |
| CP1440 | 3.299148 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 5.67 | PL19 | -77.4624506 | 39.00883479 |
| CP1466 | 0.269847 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 0.07 | PL19 | -77.457054 | 39.010782 |
| CP1468 | 3.733232 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 5.04 | PL19 | -77.45869323 | 39.00958812 |
| CP1478 | 2.556844 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 100.00 | PL19 | -77.48282416 | 39.00280921 |
| CP1481 | 5.510119 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 100.00 | PL19 | -77.4817656 | 39.0025011 |
| CP1509 | 55.293707 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 25.29 | PL19 | -77.48756258 | 39.00695361 |
| CP1511 | 3.756151 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 100.00 | PL19 | -77.48425723 | 39.00412937 |
| CP1512 | 1.016032 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 0.02 | PL19 | -77.48374154 | 39.00518703 |
| CP1556 | 12.484834 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 59.86 | PL19 | -77.45793824 | 39.00251995 |
| CP1633 | 2.534554 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 37.39 | PL17 | -77.53217062 | 38.97368813 |
| CP164 | 3.367930 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 35.73 | PL42 | -77.56728361 | 38.92123124 |
| CP165 | 0.878747 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 63.32 | PL42 | -77.5657017 | 38.92034876 |
| CP1653 | 7.557987 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | PUBLIC | 36.17 | PL14 | -77.52751636 | 38.99364314 |
| CP1667 | 10.844201 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFA | 33.60 | PL14 | -77.52678987 | 38.99490192 |
| CP1668 | 2.141737 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFA | 51.94 | PL14 | -77.52583169 | 38.99579442 |
| CP172 | 12.864262 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 57.86 | PL42 | -77.56681258 | 38.92250371 |
| CP1728 | 3.402022 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | PUBLIC | 72.73 | PL14 | -77.52950314 | 38.99794305 |
| CP1798 | 4.634708 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 92.53 | PL14 | -77.5288565 | 38.99489338 |
| CP1807 | 3.145197 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 100.00 | PL14 | -77.53047591 | 38.99329346 |
| CP1808 | 5.565428 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 100.00 | PL14 | -77.5313969 | 38.99285234 |
| CP1824 | 16.970624 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 90.41 | PL14 | -77.53073678 | 38.99211686 |
| CP1857 | 1.303014 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 89.43 | PL14 | -77.52864766 | 38.99367065 |
| CP1861 | 0.303911 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 100.00 | PL14 | -77.52936391 | 38.99353209 |
| CP1863 | 0.838391 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 89.28 | PL14 | -77.52857566 | 38.9930994 |
| CP1875 | 2.907616 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 62.10 | PL14 | -77.53275447 | 38.99394062 |
| CP1894 | 9.782729 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 88.93 | PL14 | -77.53389481 | 38.99213379 |
| CP1895 | 23.539957 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_MFA | 35.10 | PL14 | -77.53333541 | 38.99002158 |
| CP1910 | 2.551154 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 96.30 | PL19 | -77.50802411 | 39.00826488 |
| CP1956 | 2.216171 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 98.44 | PL19 | -77.50257982 | 39.00864433 |
| CP1960 | 1.906406 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.50402846 | 39.00862618 |
| CP1961 | 0.914306 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 97.06 | PL19 | -77.50518676 | 39.00847727 |
| CP1962 | 3.233545 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 40.73 | PL19 | -77.50675864 | 39.00810755 |
| CP1963 | 1.495308 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 97.34 | PL19 | -77.50688053 | 39.00844375 |
| CP1967 | 0.291023 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.44 | PL19 | -77.50221566 | 39.00947777 |
| CP1970 | 0.353648 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | PUBLIC | 1.64 | PL19 | -77.50250393 | 39.01037904 |
| CP1972 | 9.869644 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | PUBLIC | 85.01 | PL19 | -77.50345407 | 39.01201435 |
| CP1985 | 0.802255 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.10 | PL19 | -77.50644654 | 39.01306576 |
| CP1990 | 0.241546 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.76 | PL19 | -77.50228834 | 39.00991923 |
| CP2054 | 4.048839 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 91.04 | PL19 | -77.46489728 | 39.01596695 |
| CP2083 | 9.347454 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 50.19 | PL17 | -77.49230191 | 39.00787722 |
| CP2101 | 30.250266 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 50.08 | PL19 | -77.48311355 | 39.01523524 |
| CP2150 | 1.972106 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 99.56 | PL19 | -77.43702617 | 39.0224831 |
| CP2204 | 1.168693 | 20700080902 | No | Chesapeake Bay | Horsepen Run | HOA | 34.89 | PL18 | -77.42886188 | 38.99131497 |
| CP2209 | 3.273557 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_HOTEL | 52.19 | PL18 | -77.42958577 | 38.99179809 |
| CP2221 | 4.602539 | 20700080902 | No | Chesapeake Bay | Horsepen Run | VACANT_UNENTITLED | 64.69 | PL18 | -77.43029772 | 38.99203436 |
| CP2224 | 0.792358 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.42798735 | 38.99138529 |
| CP2225 | 0.306043 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.42773016 | 38.99115304 |
| CP2227 | 1.224086 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.42731368 | 38.99151419 |
| CP2229 | 0.951020 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.4268132 | 38.99170922 |
| CP2232 | 0.378069 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.42662744 | 38.99218225 |
| CP2247 | 7.835560 | 20700080902 | No | Chesapeake Bay | Horsepen Run | VACANT_UNENTITLED | 63.94 | PL18 | -77.4280016 | 38.99243148 |
| CP2250 | 0.443634 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 13.33 | PL18 | -77.42835149 | 38.99062811 |
| CP230 | 10.159900 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 58.84 | PL42 | -77.5611201 | 38.92322194 |
| CP2356 | 59.878164 | 20700080902 | No | Chesapeake Bay | Horsepen Run | RES_SFA | 17.77 | PL18 | -77.40725246 | 38.97874573 |
| CP2358 | 0.148407 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 100.00 | PL19 | -77.43060264 | 39.01534676 |

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 |
|--------|-----------------|-------------|----------|---|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| CP2366 | 9.207935 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 93.80 | PL19 | -77.43207078 | 39.01239409 |
| CP2381 | 4.771586 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 56.54 | PL19 | -77.43128487 | 39.01508893 |
| CP2386 | 12.216180 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 62.26 | PL19 | -77.43064928 | 39.01340069 |
| CP2420 | 1.412228 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 84.08 | PL19 | -77.48735088 | 39.03995985 |
| CP2431 | 1.041600 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 99.91 | PL19 | -77.51633561 | 39.03171395 |
| CP2438 | 2.471432 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 99.61 | PL19 | -77.51741791 | 39.03188156 |
| CP2445 | 5.871871 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 65.27 | PL19 | -77.51804181 | 39.03304188 |
| CP2449 | 4.547708 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 99.86 | PL19 | -77.51787972 | 39.03405929 |
| CP2472 | 1.571567 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 100.00 | PL19 | -77.48706444 | 39.03898425 |
| CP2477 | 0.416797 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 54.92 | PL19 | -77.52038321 | 39.0318946 |
| CP2481 | 14.774228 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 35.50 | PL19 | -77.52214174 | 39.03056184 |
| CP250 | 3.383114 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 54.31 | PL42 | -77.56368473 | 38.92220646 |
| CP251 | 3.898324 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 61.52 | PL42 | -77.56399783 | 38.9232636 |
| CP2538 | 3.011622 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 52.57 | PL19 | -77.46547712 | 39.0519225 |
| CP2562 | 3.534685 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.05 | PL19 | -77.46608762 | 39.05259254 |
| CP2567 | 4.781689 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 60.85 | PL19 | -77.4643439 | 39.05095464 |
| CP2582 | 1.566890 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 63.06 | PL19 | -77.46311989 | 39.05061351 |
| CP2592 | 2.286643 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 63.35 | PL19 | -77.46369257 | 39.05158499 |
| CP2593 | 2.777311 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 58.63 | PL19 | -77.46423669 | 39.0525354 |
| CP2617 | 11.542874 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 28.25 | PL19 | -77.45204526 | 39.04398191 |
| CP262 | 3.179488 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 47.50 | PL42 | -77.5713388 | 38.92333134 |
| CP2659 | 0.987166 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 18.05 | PL19 | -77.45809378 | 39.04295382 |
| CP2668 | 4.974225 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 46.35 | PL19 | -77.45978833 | 39.04213619 |
| CP2785 | 33.508718 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 46.30 | PL19 | -77.45160253 | 39.06252325 |
| CP2832 | 4.395592 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 66.24 | PL19 | -77.45317384 | 39.05977458 |
| CP2883 | 7.937284 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 47.67 | PL19 | -77.45182702 | 39.05907648 |
| CP2886 | 0.504877 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 100.00 | PL19 | -77.45109036 | 39.05775078 |
| CP2895 | 6.979541 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 26.56 | PL19 | -77.4504443 | 39.05890473 |
| CP2915 | 1.315451 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 0.16 | PL19 | -77.45306283 | 39.05768037 |
| CP2945 | 0.639491 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 0.75 | PL19 | -77.45145351 | 39.05733227 |
| CP3038 | 3.501284 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_HOTEL | 59.66 | PL19 | -77.42625628 | 39.01836303 |
| CP331 | 14.578287 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 63.04 | PL42 | -77.56509922 | 38.91841147 |
| CP358 | 1.404283 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 60.27 | PL42 | -77.5603943 | 38.91091678 |
| CP362 | 0.660883 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFA | 52.75 | PL42 | -77.56087703 | 38.91098776 |
| CP373 | 3.116221 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 45.56 | PL45 | -77.54270258 | 38.92413664 |
| CP374 | 5.704983 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 64.62 | PL45 | -77.5425721 | 38.92481514 |
| CP394 | 2.918176 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 63.89 | PL45 | -77.54230404 | 38.92372016 |
| CP398 | 0.290102 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 35.86 | PL45 | -77.5428667 | 38.9255041 |
| CP402 | 0.953940 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 61.60 | PL45 | -77.54259848 | 38.92619363 |
| CP408 | 0.781963 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 32.97 | PL45 | -77.54282278 | 38.92684244 |
| CP419 | 1.372118 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 59.46 | PL45 | -77.54171613 | 38.92633275 |
| CP429 | 0.715180 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 56.26 | PL45 | -77.54072015 | 38.92588627 |
| CP438 | 0.992222 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 44.54 | PL45 | -77.54058317 | 38.92637443 |
| CP4507 | 2.138468 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.93 | PL19 | -77.48367039 | 39.04072217 |
| CP4508 | 73.996571 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 38.64 | PL19 | -77.48526316 | 39.04421048 |
| CP4515 | 1.317264 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.96 | PL19 | -77.48552578 | 39.04097788 |
| CP4516 | 6.996806 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 79.97 | PL19 | -77.48641717 | 39.04052923 |
| CP4563 | 43.745109 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 53.64 | PL42 | -77.56674607 | 38.91625643 |
| CP4649 | 17.720331 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 64.89 | PL45 | -77.53332007 | 38.91890376 |
| CP4685 | 1.177994 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 58.67 | PL45 | -77.53564765 | 38.91040907 |
| CP4694 | 0.922653 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 62.55 | PL45 | -77.53601959 | 38.90991997 |
| CP4695 | 0.852572 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 60.12 | PL45 | -77.53638975 | 38.90963723 |
| CP470 | 3.538244 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 21.15 | PL45 | -77.54414092 | 38.92630704 |
| CP4701 | 0.359112 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 52.57 | PL45 | -77.53704854 | 38.90950764 |
| CP4708 | 8.937442 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 46.87 | PL45 | -77.53913304 | 38.90920398 |
| CP4709 | 8.725999 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 55.29 | PL45 | -77.5387389 | 38.91147547 |
| CP4723 | 14.268814 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 55.40 | PL45 | -77.54077949 | 38.90807684 |
| CP4738 | 0.325484 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 2.99 | PL45 | -77.53887555 | 38.90714743 |
| CP476 | 6.613148 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 91.46 | PL45 | -77.54476621 | 38.92507937 |
| CP4876 | 2.022718 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 5.35 | PL42 | -77.55330655 | 38.91389374 |

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 |
|--------|-----------------|-------------|----------|---|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| CP5848 | 44.510513 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 50.37 | PL17 | -77.51113242 | 38.97546568 |
| CP6073 | 4.583002 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 27.18 | PL19 | -77.52509951 | 39.0336911 |
| CP6080 | 4.585159 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 20.99 | PL19 | -77.526475 | 39.03122316 |
| CP6110 | 3.852977 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | MULTI_USE | 35.35 | PL45 | -77.53360794 | 38.93566725 |
| CP616 | 1.874807 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 58.82 | PL45 | -77.54111112 | 38.91119697 |
| CP6320 | 4.910197 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 37.55 | PL17 | -77.5531321 | 38.93503108 |
| CP6368 | 10.942788 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_MFA | 41.08 | PL17 | -77.5535612 | 38.93630194 |
| CP6369 | 0.798847 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | GQ | 100.00 | PL17 | -77.55260944 | 38.93730944 |
| CP6375 | 2.847840 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | GQ | 50.22 | PL17 | -77.55303572 | 38.93831004 |
| CP638 | 10.968001 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 58.92 | PL45 | -77.53837137 | 38.92127736 |
| CP6410 | 4.515752 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 33.46 | PL17 | -77.56152504 | 38.93347198 |
| CP6411 | 1.111098 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 95.85 | PL17 | -77.56153916 | 38.93281416 |
| CP6430 | 9.020817 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 46.91 | PL17 | -77.56120121 | 38.93478868 |
| CP6544 | 16.571410 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 45.86 | PL17 | -77.55958845 | 38.92756108 |
| CP6584 | 3.430902 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 53.51 | PL17 | -77.55910547 | 38.92975877 |
| CP6588 | 11.695739 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 59.52 | PL17 | -77.56253225 | 38.92790452 |
| CP6589 | 4.386022 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 60.78 | PL17 | -77.56243759 | 38.92960551 |
| CP7024 | 5.077046 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 23.64 | PL17 | -77.52024119 | 38.96869547 |
| CP706 | 8.669461 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 71.36 | PL17 | -77.54026201 | 38.93624251 |
| CP7092 | 18.874783 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 44.93 | PL17 | -77.51742295 | 38.97276209 |
| CP7145 | 9.649862 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 59.24 | PL17 | -77.51940004 | 38.97285109 |
| CP7191 | 4.517935 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 47.26 | PL17 | -77.52057343 | 38.97189289 |
| CP7300 | 3.680421 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 60.10 | PL17 | -77.50647155 | 38.99105511 |
| CP7306 | 1.284216 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 52.53 | PL17 | -77.50630013 | 38.99253999 |
| CP7319 | 4.436346 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | MULTI_USE | 70.31 | PL17 | -77.50502286 | 38.99387478 |
| CP7329 | 2.038012 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 76.30 | PL17 | -77.50692941 | 38.99371675 |
| CP7355 | 12.001851 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 45.14 | PL17 | -77.50754508 | 38.99171804 |
| CP7359 | 18.189704 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 44.86 | PL17 | -77.50865386 | 38.99394193 |
| CP738 | 2.788591 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 99.07 | PL17 | -77.5470859 | 38.93877475 |
| CP7438 | 17.672867 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 31.70 | PL17 | -77.51026308 | 38.9935145 |
| CP7439 | 0.482266 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 94.76 | PL17 | -77.50940884 | 38.99134992 |
| CP7442 | 0.776145 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 96.05 | PL17 | -77.50892957 | 38.99182365 |
| CP7447 | 0.389988 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 41.38 | PL17 | -77.51071823 | 38.98991131 |
| CP7458 | 0.658756 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 75.56 | PL17 | -77.5053088 | 38.99223445 |
| CP747 | 1.724194 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 99.25 | PL17 | -77.54792986 | 38.93925193 |
| CP748 | 2.052184 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 100.00 | PL17 | -77.54707145 | 38.93944743 |
| CP7526 | 11.615928 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 54.78 | PL17 | -77.50435024 | 38.99162819 |
| CP7533 | 1.029959 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 53.16 | PL17 | -77.50529061 | 38.99066493 |
| CP755 | 2.991926 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 100.00 | PL17 | -77.54949318 | 38.94015861 |
| CP762 | 1.550771 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 100.00 | PL17 | -77.54848361 | 38.93969593 |
| CP765 | 1.494248 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 100.00 | PL17 | -77.54904777 | 38.94051315 |
| CP7667 | 5.373005 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | MULTI_USE | 91.45 | PL14 | -77.52601349 | 39.01562723 |
| CP7669 | 10.530698 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 66.11 | PL14 | -77.52101134 | 39.01506094 |
| CP768 | 0.785823 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 100.00 | PL17 | -77.55035937 | 38.94048386 |
| CP7681 | 0.802643 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 57.44 | PL14 | -77.52283991 | 39.01584635 |
| CP7695 | 1.940587 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 34.61 | PL14 | -77.52518721 | 39.01591876 |
| CP7697 | 5.785755 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | MULTI_USE | 60.10 | PL14 | -77.52549034 | 39.016784 |
| CP7701 | 1.119417 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | MULTI_USE | 37.83 | PL14 | -77.52520243 | 39.01525538 |
| CP7710 | 2.833910 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 36.44 | PL14 | -77.52276209 | 39.01542592 |
| CP7734 | 8.214178 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 47.74 | PL17 | -77.52464898 | 38.9896978 |
| CP7745 | 1.085146 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 52.56 | PL19 | -77.48304673 | 39.01932136 |
| CP7746 | 0.316352 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 15.29 | PL19 | -77.48247978 | 39.01905903 |
| CP7759 | 6.154924 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 44.42 | PL19 | -77.48396288 | 39.01841559 |
| CP7776 | 1.728315 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 51.80 | PL19 | -77.48493639 | 39.01813666 |
| CP783 | 9.352467 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_RETAIL | 55.26 | PL17 | -77.54915563 | 38.93883909 |
| CP7838 | 15.264776 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 57.38 | PL19 | -77.49440652 | 39.01332229 |
| CP7839 | 2.861885 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 99.95 | PL19 | -77.49350759 | 39.01220322 |
| CP784 | 0.509697 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OFFICE_MEDICAL | 20.71 | PL17 | -77.55199249 | 38.93886239 |
| CP7841 | 1.213533 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 72.89 | PL19 | -77.49343791 | 39.0118692 |
| CP7843 | 4.838506 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 84.07 | PL19 | -77.49307754 | 39.01425661 |

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 |
|--------|-----------------|-------------|----------|---|----------------------------------|--------------------|---------------------------|-------|--------------|-------------|
| CP786 | 4.729510 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OFFICE_MEDICAL | 100.00 | PL17 | -77.55292814 | 38.93926961 |
| CP7875 | 4.236049 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.49249363 | 39.01368129 |
| CP7899 | 5.301839 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 38.55 | PL19 | -77.50186718 | 39.01491208 |
| CP7902 | 6.486117 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 64.10 | PL19 | -77.50301713 | 39.01488878 |
| CP7943 | 11.438033 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 79.98 | PL19 | -77.4898954 | 39.04439719 |
| CP7985 | 12.089571 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 99.89 | PL19 | -77.45758332 | 39.04496444 |
| CP8050 | 7.967943 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 56.70 | PL19 | -77.45612268 | 39.04535608 |
| CP8069 | 2.399686 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 66.55 | PL19 | -77.43252146 | 39.03064444 |
| CP8076 | 3.141354 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 63.67 | PL19 | -77.43324554 | 39.03008789 |
| CP8092 | 13.243888 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 43.13 | PL19 | -77.43474624 | 39.02897926 |
| CP8121 | 0.753507 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 4.80 | PL19 | -77.43896632 | 39.01251982 |
| CP8162 | 25.339778 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 82.90 | PL19 | -77.44023028 | 39.01340574 |
| CP8178 | 0.427763 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 63.73 | PL19 | -77.439989 | 39.01042141 |
| CP8223 | 6.660546 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 37.78 | PL45 | -77.4840659 | 38.91219716 |
| CP8229 | 4.560336 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 37.23 | PL45 | -77.48195922 | 38.91168216 |
| CP831 | 12.873782 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 53.85 | PL45 | -77.4912226 | 38.91441152 |
| CP8385 | 1.819345 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 64.93 | PL16 | -77.50663141 | 39.10451272 |
| CP8421 | 6.780272 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.47758882 | 39.01911692 |
| CP8425 | 1.291658 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.47865166 | 39.01907397 |
| CP8428 | 0.492447 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.47943319 | 39.01854684 |
| CP8434 | 1.856712 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFA | 42.37 | PL14 | -77.52777777 | 38.99743715 |
| CP8438 | 0.837780 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 64.04 | PL14 | -77.52690703 | 38.99717961 |
| CP8443 | 0.318581 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 64.61 | PL14 | -77.52575612 | 38.99722731 |
| CP8451 | 1.377659 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 21.01 | PL17 | -77.48537574 | 38.99920953 |
| CP8454 | 0.542744 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 99.14 | PL17 | -77.48561924 | 38.99890807 |
| CP8470 | 1.709392 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 39.74 | PL17 | -77.48446079 | 38.99889025 |
| CP8472 | 1.121839 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 100.00 | PL17 | -77.48463996 | 38.99822322 |
| CP8475 | 1.357309 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 94.34 | PL17 | -77.48567055 | 38.99845314 |
| CP8476 | 0.413292 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 99.25 | PL17 | -77.48573825 | 38.99803933 |
| CP8481 | 8.122776 | 20700080902 | No | Chesapeake Bay | Horsepen Run | HOA | 50.88 | PL18 | -77.41149212 | 38.98189716 |
| CP8495 | 13.472575 | 20700080902 | No | Chesapeake Bay | Horsepen Run | RES_SFA | 40.30 | PL18 | -77.40861538 | 38.98102481 |
| CP8510 | 7.020599 | 20700080902 | No | Chesapeake Bay | Horsepen Run | HOA | 47.94 | PL18 | -77.41053528 | 38.98364263 |
| CP864 | 9.149806 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 54.80 | PL45 | -77.48678927 | 38.91350166 |
| CP8688 | 12.805853 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 99.61 | PL19 | -77.44454254 | 39.04953981 |
| CP8691 | 1.719042 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.4444736 | 39.04802512 |
| CP8693 | 2.249421 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.44548421 | 39.04809438 |
| CP8698 | 7.387781 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.44625901 | 39.04904929 |
| CP8734 | 37.781591 | 20700080301 | No | Chesapeake Bay | South Fork Catactin Creek | RES_SFD | 80.37 | PL02 | -77.65149181 | 39.13766995 |
| CP874 | 1.232782 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 32.27 | PL45 | -77.48678906 | 38.91512474 |
| CP8742 | 13.393527 | 20700080301 | No | Chesapeake Bay | South Fork Catactin Creek | RES_SFD | 85.78 | PL02 | -77.64406779 | 39.13630954 |
| CP8746 | 10.899511 | 20700080301 | No | Chesapeake Bay | South Fork Catactin Creek | RES_SFD | 89.50 | PL02 | -77.64429239 | 39.13764117 |
| CP8748 | 2.682824 | 20700080301 | No | Chesapeake Bay | South Fork Catactin Creek | RES_SFD | 96.78 | PL02 | -77.64498759 | 39.13870454 |
| CP8756 | 3.154415 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 59.40 | PL17 | -77.57322863 | 38.95229933 |
| CP8762 | 2.364588 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 74.66 | PL17 | -77.5739583 | 38.95212572 |
| CP8764 | 0.184067 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 5.57 | PL17 | -77.57465575 | 38.95250747 |
| CP8771 | 1.699365 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 69.63 | PL17 | -77.57351563 | 38.95342732 |
| CP8779 | 1.603714 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 63.39 | PL17 | -77.57297585 | 38.9543984 |
| CP8797 | 2.400276 | 20700080301 | No | Chesapeake Bay | South Fork Catactin Creek | VACANT_UNENTITLED | 70.00 | PL02 | -77.63583281 | 39.13568559 |
| CP8820 | 3.999260 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | COM_HEAVY_IND | 97.93 | PL05 | -77.5040595 | 39.11290971 |
| CP8839 | 0.456983 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 50.14 | PL42 | -77.56317872 | 38.91087491 |
| CP8843 | 0.203352 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | | | PL42 | -77.56402055 | 38.91042727 |
| CP8871 | 6.172247 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 72.72 | PL42 | -77.56814895 | 38.91187898 |
| CP89 | 2.562351 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 63.71 | PL45 | -77.51598931 | 38.89702988 |
| CP893 | 3.311794 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | MISC | 55.68 | PL45 | -77.48848364 | 38.91224713 |
| CP895 | 4.052581 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | PUBLIC | 0.87 | PL45 | -77.49099959 | 38.91102264 |
| CP8956 | 13.023035 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 51.85 | PL42 | -77.56841 | 38.90944419 |
| CP8957 | 12.259065 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 34.01 | PL42 | -77.56729642 | 38.90727884 |
| CP9016 | 1.029611 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | | | PL42 | -77.57072849 | 38.91361396 |
| CP9021 | 3.759435 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | MULTI_USE | 49.75 | PL42 | -77.57028627 | 38.9155403 |
| CP9044 | 12.876028 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 63.08 | PL42 | -77.56948936 | 38.91166333 |

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 |
|--------|-----------------|-------------|----------|---|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| CP9047 | 0.587327 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | | | PL42 | -77.5707208 | 38.91200252 |
| CP9053 | 2.541487 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 63.77 | PL45 | -77.4975766 | 38.91992656 |
| CP9060 | 5.578437 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_MFST | 45.21 | PL45 | -77.49892234 | 38.91986867 |
| CP9117 | 4.295379 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 71.71 | PL45 | -77.50382519 | 38.91643298 |
| CP9126 | 0.681936 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 57.27 | PL45 | -77.50400202 | 38.91724664 |
| CP9128 | 12.200760 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 46.12 | PL45 | -77.50238943 | 38.91796453 |
| CP9169 | 9.747020 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 44.58 | PL45 | -77.50060535 | 38.91985209 |
| CP9189 | 0.113993 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL17 | -77.52329195 | 38.97154534 |
| CP9193 | 0.332244 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL17 | -77.5237402 | 38.97179 |
| CP9230 | 7.724262 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 69.95 | PL19 | -77.47325957 | 38.99821827 |
| CP9233 | 1.742647 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 100.00 | PL19 | -77.47040541 | 38.99887977 |
| CP9234 | 4.575444 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 98.01 | PL19 | -77.47181637 | 38.99883939 |
| CP9321 | 3.155231 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_RETAIL | 96.79 | PL18 | -77.43273193 | 38.98018798 |
| CP938 | 0.903720 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 33.84 | PL45 | -77.49790252 | 38.91209888 |
| CP9380 | 9.173334 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_DATA_CENTER | 98.69 | PL18 | -77.44254253 | 38.98682845 |
| CP9433 | 4.480963 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | PUBLIC | 25.96 | PL19 | -77.50488487 | 39.02583439 |
| CP9479 | 0.983141 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 69.56 | PL19 | -77.45892739 | 39.03435001 |
| CP9483 | 2.058030 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 68.54 | PL19 | -77.45882901 | 39.03491842 |
| CP949 | 14.433951 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 99.02 | PL45 | -77.48837252 | 38.91493014 |
| CP9495 | 7.420081 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | PUBLIC | 35.83 | PL19 | -77.4596748 | 39.03620349 |
| CP9500 | 1.460163 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 52.79 | PL19 | -77.45607548 | 39.03664152 |
| CP9502 | 4.654594 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 63.87 | PL19 | -77.45827705 | 39.03754773 |
| CP9530 | 10.222154 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 40.03 | PL19 | -77.45907268 | 39.0369858 |
| CP9555 | 5.501479 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 43.30 | PL19 | -77.45842377 | 39.0391893 |
| CP9561 | 3.370020 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 35.89 | PL19 | -77.45652233 | 39.03836121 |
| CP9614 | 8.978314 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 100.00 | PL19 | -77.4576376 | 39.02887276 |
| CP9624 | 19.296007 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 73.18 | PL19 | -77.45920737 | 39.02840346 |
| CP9684 | 14.590844 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 43.29 | PL19 | -77.45116958 | 39.04218949 |
| CP9685 | 19.831898 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 72.79 | PL19 | -77.4538616 | 39.04175226 |
| CP9756 | 1.081049 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL19 | -77.45624831 | 39.04893484 |
| CP9760 | 0.725331 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL19 | -77.4570621 | 39.04859635 |
| CP9784 | 9.000714 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | VACANT_ENTITLED | 42.49 | PL20 | -77.4584132 | 39.06226742 |
| CP9789 | 9.899356 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_LIGHT_IND_FLEX | 58.56 | PL20 | -77.46058988 | 39.06273944 |
| CP9963 | 3.472801 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 39.81 | PL19 | -77.45270807 | 39.05421148 |
| CP9965 | 4.397140 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 100.00 | PL19 | -77.45349834 | 39.05519201 |
| CP9966 | 4.947035 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 100.00 | PL19 | -77.45396119 | 39.05604964 |
| CP9990 | 0.889675 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 100.00 | PL19 | -77.45444786 | 39.05671252 |
| CP9994 | 1.032407 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 100.00 | PL19 | -77.45506904 | 39.05703071 |
| CS1 | 13.330424 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 75.23 | PL19 | -77.40743176 | 39.00443054 |
| CS16 | 0.492103 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 64.13 | PL14 | -77.52827787 | 39.00352102 |
| DB1027 | 8.603174 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 78.06 | PL45 | -77.49431937 | 38.9003338 |
| DB1099 | 19.712810 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 68.14 | PL45 | -77.49397558 | 38.9712953 |
| DB1131 | 1.687120 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 61.41 | PL45 | -77.49505471 | 38.89417577 |
| DB1138 | 1.680858 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 54.57 | PL45 | -77.49506483 | 38.8949862 |
| DB1164 | 12.649611 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 70.89 | PL45 | -77.49497559 | 38.89875463 |
| DB1169 | 0.187721 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 1.30 | PL45 | -77.49710972 | 38.89757497 |
| DB1191 | 0.792181 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 46.26 | PL45 | -77.47949777 | 38.90781125 |
| DB1212 | 8.611847 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 79.39 | PL45 | -77.48128044 | 38.90896001 |
| DB1219 | 2.947736 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 64.55 | PL45 | -77.48289046 | 38.90908076 |
| DB1224 | 23.720906 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 58.68 | PL45 | -77.48423864 | 38.91026414 |
| DB1266 | 2.994637 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 66.39 | PL45 | -77.51044025 | 38.89666163 |
| DB1271 | 6.539175 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 40.67 | PL45 | -77.51379189 | 38.89645173 |
| DB1295 | 6.183341 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 62.99 | PL45 | -77.51331916 | 38.89750755 |
| DB1318 | 2.331574 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 33.21 | PL45 | -77.52169011 | 38.90224718 |
| DB1321 | 0.296837 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 1.98 | PL45 | -77.52253241 | 38.90268505 |
| DB1326 | 8.084555 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 47.98 | PL45 | -77.52090183 | 38.90298509 |
| DB1327 | 1.986259 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 32.90 | PL45 | -77.52162375 | 38.90400333 |
| DB1335 | 1.452749 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 23.69 | PL45 | -77.52139561 | 38.90467551 |
| DB1336 | 0.966481 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 29.26 | PL45 | -77.52126106 | 38.90535849 |
| DB1341 | 0.502336 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | PUBLIC | 8.68 | PL45 | -77.52212133 | 38.90601123 |

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 |
|--------|-----------------|-------------|----------|---|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| DB1344 | 12.691299 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 61.75 | PL45 | -77.52013521 | 38.90469531 |
| DB1359 | 5.208134 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_GOLF_COURSE | 59.34 | PL45 | -77.52013237 | 38.90717236 |
| DB1366 | 0.997878 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_GOLF_COURSE | 16.16 | PL45 | -77.51915515 | 38.90872033 |
| DB1373 | 3.853708 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 22.56 | PL45 | -77.51898662 | 38.91077028 |
| DB1382 | 2.204253 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 21.77 | PL19 | -77.50129294 | 39.02326487 |
| DB1395 | 5.332587 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 44.48 | PL19 | -77.49975321 | 39.02105013 |
| DB1406 | 2.858222 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.09 | PL19 | -77.5007062 | 39.02079404 |
| DB1412 | 0.522312 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.19 | PL19 | -77.50131921 | 39.02120001 |
| DB1413 | 13.293909 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 42.61 | PL19 | -77.50350185 | 39.020739 |
| DB1426 | 0.845511 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 57.25 | PL19 | -77.50172301 | 39.02045055 |
| DB1472 | 1.101985 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 42.69 | PL19 | -77.50315466 | 39.02177557 |
| DB1486 | 9.494252 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 55.74 | PL19 | -77.50477964 | 39.02228664 |
| DB15 | 33.790312 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 50.06 | PL19 | -77.42472224 | 39.03010695 |
| DB1515 | 22.431292 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 46.85 | PL19 | -77.50652147 | 39.02488073 |
| DB1574 | 5.967257 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 60.30 | PL19 | -77.50248947 | 39.02366598 |
| DB1588 | 27.070407 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 38.38 | PL19 | -77.49648125 | 39.01659482 |
| DB1592 | 0.482388 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 59.76 | PL19 | -77.49717387 | 39.01879863 |
| DB162 | 9.157015 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 49.17 | PL19 | -77.42731934 | 39.03648382 |
| DB1620 | 0.520822 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 6.05 | PL19 | -77.49807557 | 39.01563987 |
| DB1622 | 2.191831 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 0.29 | PL19 | -77.50136773 | 39.01593707 |
| DB1625 | 1.841861 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 71.32 | PL19 | -77.497931 | 39.01523735 |
| DB1628 | 0.631771 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 99.98 | PL19 | -77.4996114 | 39.01560835 |
| DB1638 | 5.281144 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.50 | PL19 | -77.50061829 | 39.0165663 |
| DB1658 | 10.391295 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.32 | PL19 | -77.50101661 | 39.01751987 |
| DB1688 | 6.146558 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.09 | PL19 | -77.50011172 | 39.01897795 |
| DB1696 | 36.340491 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 53.72 | PL19 | -77.50095377 | 39.02495236 |
| DB1702 | 2.239664 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.20 | PL19 | -77.49808149 | 39.02540887 |
| DB1757 | 7.035701 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 85.01 | PL19 | -77.51007409 | 39.02638239 |
| DB1797 | 3.638229 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 50.43 | PL19 | -77.5091341 | 39.02383922 |
| DB1807 | 3.384854 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 96.45 | PL19 | -77.50796596 | 39.02393953 |
| DB1811 | 2.131486 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 98.93 | PL19 | -77.50713934 | 39.02355794 |
| DB1812 | 5.081637 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 39.74 | PL19 | -77.51061626 | 39.02238377 |
| DB1822 | 0.293504 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 69.33 | PL19 | -77.50897938 | 39.02202865 |
| DB1827 | 1.325342 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 44.48 | PL19 | -77.50945269 | 39.02105271 |
| DB1835 | 0.787960 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 60.98 | PL19 | -77.50818399 | 39.02141467 |
| DB1838 | 0.884479 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 64.07 | PL19 | -77.50757798 | 39.02137491 |
| DB1845 | 2.930328 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 65.80 | PL19 | -77.50768347 | 39.02072135 |
| DB186 | 16.891971 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 75.04 | PL19 | -77.42549732 | 39.03392444 |
| DB1860 | 4.350029 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 55.41 | PL19 | -77.50889227 | 39.02029713 |
| DB1862 | 0.678579 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.36 | PL19 | -77.50816258 | 39.02029322 |
| DB1864 | 2.758109 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 59.94 | PL19 | -77.50929252 | 39.01891369 |
| DB1888 | 10.516107 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 30.64 | PL19 | -77.50853469 | 39.01734212 |
| DB1916 | 12.582573 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 71.20 | PL19 | -77.50765977 | 39.01543102 |
| DB1947 | 33.216968 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 50.44 | PL19 | -77.51310275 | 39.01834287 |
| DB195 | 8.612301 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 43.86 | PL19 | -77.42683249 | 39.03520832 |
| DB196 | 35.455394 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 73.54 | PL19 | -77.41956309 | 39.03755019 |
| DB1974 | 3.313714 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 66.70 | PL19 | -77.51242238 | 39.02004513 |
| DB1975 | 0.269193 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 98.61 | PL19 | -77.51107344 | 39.02010968 |
| DB1980 | 1.551762 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.66 | PL19 | -77.51207314 | 39.02094719 |
| DB1993 | 7.866547 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 90.03 | PL19 | -77.51405896 | 39.0209216 |
| DB2016 | 0.412633 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 71.02 | PL19 | -77.51187532 | 39.02466624 |
| DB2019 | 5.559448 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 54.91 | PL19 | -77.51199795 | 39.02399727 |
| DB2020 | 4.686078 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 20.30 | PL19 | -77.51342726 | 39.02312596 |
| DB2029 | 0.564951 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 55.83 | PL19 | -77.50954999 | 39.02437735 |
| DB2031 | 0.582140 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 57.67 | PL19 | -77.51001999 | 39.02488135 |
| DB2033 | 1.706217 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 77.09 | PL19 | -77.51163743 | 39.02558139 |
| DB2046 | 6.484818 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 18.56 | PL19 | -77.51197109 | 39.0260371 |
| DB2130 | 0.152660 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL19 | -77.5141254 | 39.01673829 |
| DB2133 | 0.889322 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 59.15 | PL19 | -77.51429229 | 39.01703936 |
| DB2168 | 13.792002 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 47.50 | PL20 | -77.48105997 | 39.0794115 |

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 |
|--------|-----------------|-------------|----------|---------------------------------------|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| DB2209 | 12.576558 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 58.08 | PL20 | -77.48195146 | 39.08255408 |
| DB2236 | 16.997125 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 72.05 | PL20 | -77.48094259 | 39.08455056 |
| DB2252 | 7.967327 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 65.06 | PL20 | -77.47853307 | 39.08514221 |
| DB2270 | 4.184039 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 73.86 | PL20 | -77.47938597 | 39.08632699 |
| DB2296 | 8.138692 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 63.49 | PL20 | -77.48169331 | 39.08679716 |
| DB2307 | 3.580720 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 75.24 | PL20 | -77.48045073 | 39.08827347 |
| DB2318 | 4.705683 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 74.23 | PL20 | -77.47860624 | 39.08886612 |
| DB2324 | 3.201744 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 79.23 | PL20 | -77.47711844 | 39.0882618 |
| DB2329 | 3.388318 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 89.20 | PL20 | -77.47988252 | 39.08917146 |
| DB2334 | 3.116611 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_NON_PUBLIC | 67.36 | PL20 | -77.48239813 | 39.08775753 |
| DB2338 | 3.635041 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 60.41 | PL20 | -77.48289063 | 39.08821526 |
| DB2348 | 1.651188 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_NON_PUBLIC | 100.00 | PL20 | -77.48343319 | 39.08683105 |
| DB2359 | 29.157794 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 61.72 | PL20 | -77.48447942 | 39.0851881 |
| DB2400 | 8.703538 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.48375172 | 39.07423868 |
| DB2423 | 0.233087 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 100.00 | PL19 | -77.51493331 | 39.0173027 |
| DB2431 | 5.213245 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 69.01 | PL19 | -77.51788792 | 39.01836634 |
| DB2438 | 0.806806 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 31.50 | PL19 | -77.51653299 | 39.01760701 |
| DB2439 | 2.448271 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 86.65 | PL19 | -77.51811477 | 39.01637988 |
| DB2442 | 6.826396 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 61.34 | PL19 | -77.51967914 | 39.0166208 |
| DB2460 | 4.214926 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 97.56 | PL19 | -77.51734167 | 39.01586679 |
| DB2480 | 20.807851 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 68.20 | PL19 | -77.51735491 | 39.01456489 |
| DB2493 | 4.694610 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 94.22 | PL19 | -77.51525912 | 39.01371288 |
| DB2509 | 2.167285 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.51593126 | 39.01133878 |
| DB2517 | 9.632091 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 93.17 | PL19 | -77.51573923 | 39.01244114 |
| DB2523 | 17.356828 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.41 | PL19 | -77.5172967 | 39.01142471 |
| DB2610 | 17.093961 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 79.96 | PL19 | -77.51946481 | 39.011373 |
| DB2611 | 10.769721 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.50 | PL19 | -77.52016621 | 39.00872592 |
| DB2690 | 15.102231 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.51 | PL19 | -77.50500641 | 39.06339261 |
| DB2693 | 3.667337 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 38.82 | PL19 | -77.50403086 | 39.0624715 |
| DB2738 | 1.783764 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.79 | PL19 | -77.50307407 | 39.06292737 |
| DB2739 | 1.852416 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 72.28 | PL19 | -77.50260179 | 39.06364352 |
| DB2745 | 5.059728 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 79.97 | PL19 | -77.50297723 | 39.06446446 |
| DB2748 | 4.464338 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 53.05 | PL19 | -77.50161499 | 39.06501497 |
| DB2749 | 4.215274 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.11 | PL19 | -77.50214718 | 39.06596725 |
| DB2772 | 5.046930 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.14 | PL19 | -77.50345225 | 39.06537303 |
| DB2784 | 0.414709 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 61.22 | PL20 | -77.48252549 | 39.0812528 |
| DB2793 | 15.477636 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 67.01 | PL20 | -77.48494683 | 39.08257442 |
| DB2796 | 0.762179 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 85.99 | PL20 | -77.48468606 | 39.08120733 |
| DB2797 | 33.111158 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 50.99 | PL20 | -77.48765111 | 39.08084823 |
| DB2908 | 5.179692 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFA | 60.71 | PL20 | -77.48522578 | 39.08782445 |
| DB30 | 1.157905 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 0.02 | PL19 | -77.42730733 | 39.03035764 |
| DB3051 | 3.961022 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 77.62 | PL16 | -77.50303409 | 39.09372679 |
| DB3068 | 1.457349 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 83.97 | PL16 | -77.50452212 | 39.09381194 |
| DB316 | 11.652041 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 61.82 | PL19 | -77.41978061 | 39.03539976 |
| DB395 | 0.622319 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 0.35 | PL19 | -77.44249136 | 39.05215862 |
| DB44 | 13.592765 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 50.40 | PL19 | -77.42745907 | 39.03265047 |
| DB448 | 0.231025 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 0.00 | PL19 | -77.43367565 | 39.04811351 |
| DB449 | 3.455554 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 8.31 | PL19 | -77.4353233 | 39.04861715 |
| DB453 | 1.283826 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.43340713 | 39.04745078 |
| DB456 | 2.120540 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.43093779 | 39.04582249 |
| DB462 | 0.409219 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.4325502 | 39.04672176 |
| DB464 | 0.385564 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.43074766 | 39.0457917 |
| DB468 | 0.238844 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.43119332 | 39.04659311 |
| DB470 | 0.526027 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.43218588 | 39.04730983 |
| DB48 | 2.125801 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 22.28 | PL19 | -77.42813191 | 39.03149634 |
| DB497 | 0.856678 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 26.66 | PL19 | -77.48062188 | 39.0674479 |
| DB500 | 0.892069 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 1.24 | PL19 | -77.48099427 | 39.06515458 |
| DB502 | 0.976666 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 31.92 | PL19 | -77.4812212 | 39.06344377 |
| DB513 | 7.203564 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFST | 72.82 | PL19 | -77.48228638 | 39.06340481 |
| DB514 | 0.181994 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 1.84 | PL19 | -77.48130354 | 39.06399893 |

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 |
|---------|-----------------|-------------|----------|---|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| DB524 | 3.060648 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 69.64 | PL19 | -77.48091522 | 39.0599239 |
| DB56 | 15.711423 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 17.66 | PL19 | -77.42279835 | 39.03998566 |
| DB57 | 7.440978 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 80.40 | PL19 | -77.42417911 | 39.03866628 |
| DB60 | 2.684820 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 19.67 | PL19 | -77.42554217 | 39.03873626 |
| DB700 | 2.912936 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 21.37 | PL45 | -77.49994373 | 38.88868167 |
| DB703 | 0.229674 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_UNENTITLED | 1.08 | PL45 | -77.50343416 | 38.89039255 |
| DB706 | 0.132590 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_UNENTITLED | 0.69 | PL45 | -77.50500207 | 38.89113942 |
| DB709 | 6.682031 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | MULTI_USE | 21.96 | PL45 | -77.50958691 | 38.89332867 |
| DB73 | 4.691885 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 26.62 | PL19 | -77.42831294 | 39.03685568 |
| DB765 | 5.154232 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 78.46 | PL45 | -77.49438391 | 38.89074642 |
| DB780 | 15.722461 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 29.56 | PL45 | -77.49417263 | 38.89340299 |
| DB870 | 10.465752 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 49.41 | PL45 | -77.49279228 | 38.89463654 |
| DB894 | 3.166596 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 65.85 | PL45 | -77.4906723 | 38.89411501 |
| DB911 | 6.094841 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 55.36 | PL45 | -77.49005208 | 38.89556727 |
| DB916 | 61.749177 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 62.81 | PL45 | -77.48926673 | 38.89999422 |
| DB983 | 2.735147 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 66.55 | PL45 | -77.4919667 | 38.89616055 |
| DB993 | 7.963294 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 54.51 | PL45 | -77.49202036 | 38.89818491 |
| DD133 | 7.968828 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 98.07 | PL18 | -77.44698267 | 38.98668857 |
| DD241 | 5.573509 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 100.00 | PL45 | -77.53934948 | 38.91244119 |
| DD26 | 1.293569 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 99.87 | PL19 | -77.44023223 | 38.99649405 |
| DD3 | 5.490009 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 54.57 | PL19 | -77.49870205 | 39.02689585 |
| DD34 | 0.108260 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 100.00 | PL20 | -77.40781672 | 39.03617444 |
| DD55 | 1.437665 | 20700080902 | No | Chesapeake Bay | Horsepen Run | MISC | 100.00 | PL18 | -77.43779291 | 38.97788347 |
| DD58 | 0.565476 | 20700080902 | No | Chesapeake Bay | Horsepen Run | MISC | 100.00 | PL18 | -77.43785755 | 38.97856641 |
| DD66 | 10.297222 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_CHURCH | 55.76 | PL45 | -77.49562346 | 38.91564877 |
| DD78 | 1.197308 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 98.73 | PL19 | -77.41699117 | 39.01759557 |
| DD8 | 0.958082 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.43593054 | 39.01151541 |
| DD86 | 4.167148 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 100.00 | PL21 | -77.38900474 | 39.06092855 |
| DD9 | 0.080950 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.44754891 | 38.99877733 |
| DF123 | 8.180078 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 50.59 | PL19 | -77.46440451 | 39.02597358 |
| DF148 | 6.983239 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.42600217 | 39.04125417 |
| DF153 | 0.581910 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 0.50 | PL19 | -77.42938181 | 39.04345485 |
| DF158 | 5.455012 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 84.11 | PL19 | -77.47341511 | 39.06893786 |
| DF16 | 1.078791 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 55.67 | PL17 | -77.50070442 | 38.98594596 |
| DF169 | 9.967862 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 47.99 | PL17 | -77.50518438 | 38.98233401 |
| DF185 | 9.446812 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_CHURCH | 99.96 | PL19 | -77.47662863 | 39.06641761 |
| DF188 | 1.679471 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 100.00 | PL19 | -77.44781261 | 39.05856584 |
| DF190 | 10.023502 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.40406745 | 39.01287285 |
| DF196 | 4.638700 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 78.62 | PL19 | -77.47479193 | 39.06696972 |
| DF21 | 10.306755 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 54.27 | PL45 | -77.49819218 | 38.91601091 |
| DF278 | 0.660681 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.50050192 | 39.02267277 |
| DF28 | 16.705658 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.05 | PL19 | -77.46731844 | 39.05447125 |
| DF66 | 14.435656 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 50.05 | PL17 | -77.54321841 | 38.9299204 |
| DF73 | 14.066609 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 35.84 | PL17 | -77.50680442 | 38.98066512 |
| DF93 | 2.914337 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 58.82 | PL14 | -77.53048463 | 39.02157032 |
| DK11558 | 2.006598 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.88 | PL19 | -77.51593544 | 39.00379147 |
| DK11568 | 0.526598 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.26 | PL19 | -77.51625407 | 39.00347936 |
| DK20037 | 3.566249 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 49.16 | PL19 | -77.51693459 | 39.00251127 |
| DK30021 | 1.769864 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 86.61 | PL19 | -77.51262666 | 39.00512116 |
| DK30234 | 3.303854 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_MFA | 89.12 | PL20 | -77.39581546 | 39.0290817 |
| DK30235 | 5.453264 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.42329622 | 39.01903929 |
| DK30238 | 2.146248 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 99.78 | PL19 | -77.42592057 | 39.01677647 |
| DK30239 | 3.003345 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 97.36 | PL19 | -77.42535803 | 39.01632734 |
| DK30240 | 3.826431 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 50.32 | PL19 | -77.41049762 | 39.00840936 |
| DK30241 | 0.475179 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 52.14 | PL19 | -77.4110528 | 39.00897124 |
| DK30242 | 3.420739 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.93 | PL19 | -77.41175293 | 39.0079361 |
| DK30245 | 3.547472 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_RETAIL | 39.66 | PL18 | -77.42433289 | 38.99092999 |
| DK30246 | 6.738108 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 59.85 | PL19 | -77.40597504 | 38.99669935 |
| DK30247 | 1.685062 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 35.31 | PL19 | -77.40698524 | 38.99518008 |
| DK30255 | 5.164703 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.75 | PL19 | -77.51339317 | 39.00457428 |

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 |
|---------|-----------------|-------------|----------|---|----------------------------------|--------------------|---------------------------|-------|--------------|-------------|
| DK30257 | 9.108329 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.17 | PL19 | -77.51493544 | 39.00317785 |
| DK30259 | 0.764877 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 39.74 | PL17 | -77.51880553 | 38.983544 |
| DK30260 | 4.044774 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 68.26 | PL17 | -77.51986651 | 38.98189661 |
| DK30261 | 3.799165 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 71.42 | PL17 | -77.51861643 | 38.98200368 |
| DK80001 | 0.071786 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_MFA | 84.86 | PL20 | -77.39646616 | 39.02960032 |
| DW120 | 3.460361 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.42518975 | 38.98492295 |
| DW152 | 14.223935 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 62.34 | PL18 | -77.44494596 | 38.98107061 |
| DW154 | 0.424193 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | | | PL21 | -77.36321028 | 39.02788167 |
| DW155 | 1.115523 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 49.23 | PL21 | -77.37720625 | 39.03036113 |
| DW156 | 1.310490 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 49.27 | PL21 | -77.37836132 | 39.02927764 |
| DW212 | 2.052657 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 89.59 | PL19 | -77.46256414 | 39.02295451 |
| DW26 | 19.038588 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 24.37 | PL21 | -77.357234 | 39.03862537 |
| DW29 | 1.134137 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 92.91 | PL21 | -77.36322712 | 39.03737925 |
| DW309 | 3.120660 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFST | 36.64 | PL19 | -77.50066825 | 39.0535346 |
| DW311 | 1.626949 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFST | 95.87 | PL19 | -77.50088064 | 39.05331077 |
| DW325 | 1.251686 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 82.59 | PL19 | -77.48968607 | 39.02105164 |
| DW43 | 14.636556 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 38.67 | PL21 | -77.35892618 | 39.04063308 |
| DW46 | 1.816985 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 60.65 | PL45 | -77.52433416 | 38.90234016 |
| DW48 | 43.529691 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 69.91 | PL19 | -77.46856948 | 39.01696131 |
| DW52 | 11.930298 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 72.73 | PL21 | -77.34704948 | 39.05197447 |
| GC1002 | 1.658159 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 68.08 | PL14 | -77.52651404 | 39.00632998 |
| GC1216 | 3.610756 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 76.78 | PL45 | -77.51589201 | 38.92061989 |
| GC1275 | 5.507200 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 81.14 | PL42 | -77.5578571 | 38.90895266 |
| GC1276 | 2.873416 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 66.67 | PL42 | -77.55844243 | 38.9100674 |
| GC1483 | 2.855381 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 69.83 | PL45 | -77.53912277 | 38.91530363 |
| GC1515 | 0.518659 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 1.74 | PL45 | -77.5251409 | 38.90077863 |
| GC1516 | 2.439770 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 23.93 | PL45 | -77.52272145 | 38.8998967 |
| GC1517 | 12.740403 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 48.38 | PL45 | -77.52155629 | 38.90088775 |
| GC1518 | 1.487028 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 73.36 | PL45 | -77.52441526 | 38.90133617 |
| GC1519 | 1.484855 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 48.06 | PL45 | -77.52461716 | 38.90321184 |
| GC1520 | 2.772790 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 73.16 | PL45 | -77.52422058 | 38.9049417 |
| GC1521 | 3.272319 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 68.71 | PL45 | -77.52350197 | 38.90613153 |
| GC1522 | 0.405622 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | PUBLIC | 46.57 | PL45 | -77.52348813 | 38.90759303 |
| GC1523 | 0.753758 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | PUBLIC | 74.23 | PL45 | -77.5232482 | 38.90808556 |
| GC1535 | 5.788006 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 53.62 | PL45 | -77.53120478 | 38.92865175 |
| GC1536 | 1.779320 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 44.54 | PL45 | -77.52973387 | 38.92816201 |
| GC1537 | 1.729982 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 61.16 | PL45 | -77.52905628 | 38.92748647 |
| GC1538 | 1.737599 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 54.47 | PL45 | -77.53333626 | 38.92829342 |
| GC1540 | 14.080360 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 49.09 | PL45 | -77.53141218 | 38.92733783 |
| GC1541 | 4.443425 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 30.71 | PL45 | -77.5328063 | 38.92666016 |
| GC1542 | 13.447747 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 51.75 | PL45 | -77.53419995 | 38.92437613 |
| GC1543 | 20.668537 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 54.11 | PL17 | -77.54910728 | 38.93526149 |
| GC1544 | 0.610393 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 100.00 | PL17 | -77.55093468 | 38.93562476 |
| GC1545 | 2.170653 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 34.74 | PL42 | -77.54968794 | 38.92718775 |
| GC1546 | 12.488969 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 62.19 | PL42 | -77.54869116 | 38.92768241 |
| GC1548 | 6.744006 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 75.90 | PL42 | -77.54920946 | 38.92564668 |
| GC1552 | 20.170184 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 29.75 | PL42 | -77.54611737 | 38.92207824 |
| GC2101 | 6.683125 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | RES_SFD | 58.35 | PL05 | -77.49380663 | 39.10971887 |
| GC2102 | 3.603232 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | RES_SFD | 64.52 | PL05 | -77.49420843 | 39.11157414 |
| GC2103 | 5.746417 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | RES_SFD | 76.37 | PL05 | -77.49233551 | 39.11041445 |
| GC2104 | 1.795569 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 71.88 | PL20 | -77.4769263 | 39.08672545 |
| GC2105 | 19.512398 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 70.18 | PL20 | -77.47661362 | 39.08539768 |
| GC2109 | 57.797626 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 51.42 | PL16 | -77.50778763 | 39.09327139 |
| GC2140 | 3.560390 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.02 | PL19 | -77.46068247 | 39.04234181 |
| GC2141 | 2.063791 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.04 | PL19 | -77.46234953 | 39.04262775 |
| GC2142 | 9.540642 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.37 | PL19 | -77.46467585 | 39.04417455 |
| GC2246 | 20.054077 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 57.60 | PL19 | -77.46236537 | 39.0440814 |
| GC2247 | 3.058793 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 76.07 | PL19 | -77.45987477 | 39.04448259 |
| GC2248 | 2.361433 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 53.20 | PL19 | -77.46106626 | 39.04505142 |
| GC2250 | 7.659233 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 43.22 | PL19 | -77.45882898 | 39.04416959 |

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 |
|--------|-----------------|-------------|----------|---|------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| GC2257 | 0.652560 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 72.38 | PL19 | -77.46021271 | 39.03377286 |
| GC2258 | 0.848317 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 83.80 | PL19 | -77.46048689 | 39.03346873 |
| GC2259 | 1.454048 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 84.54 | PL19 | -77.46121092 | 39.03373731 |
| GC235 | 4.323576 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 46.54 | PL14 | -77.53187042 | 39.02415753 |
| GC2379 | 3.883234 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 96.70 | PL16 | -77.50826356 | 39.05956486 |
| GC2380 | 21.675055 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.43 | PL19 | -77.50710234 | 39.0589955 |
| GC2386 | 49.014694 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 57.56 | PL16 | -77.50811992 | 39.06304585 |
| GC2390 | 5.386613 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 45.72 | PL19 | -77.46259401 | 39.0405164 |
| GC2394 | 0.230858 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 58.36 | PL19 | -77.46439491 | 39.0425242 |
| GC2395 | 14.326377 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 43.52 | PL19 | -77.46444898 | 39.04172817 |
| GC2465 | 4.527499 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 75.35 | PL16 | -77.5082395 | 39.08621806 |
| GC2469 | 6.060172 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 54.77 | PL19 | -77.4995908 | 39.06148224 |
| GC2470 | 0.506217 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 61.43 | PL19 | -77.49914103 | 39.05986564 |
| GC2553 | 12.028609 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 36.08 | PL19 | -77.46301882 | 39.04659589 |
| GC2554 | 6.291295 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 69.37 | PL19 | -77.46065089 | 39.04676625 |
| GC2555 | 4.870713 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 49.13 | PL19 | -77.46169716 | 39.04563844 |
| GC2556 | 9.658739 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 73.38 | PL19 | -77.46444632 | 39.04685182 |
| GC2557 | 9.845813 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 65.71 | PL19 | -77.46469633 | 39.04756965 |
| GC2654 | 1.793459 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.33 | PL19 | -77.49379007 | 39.04324154 |
| GC2658 | 2.837380 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_GOLF_COURSE | 39.07 | PL19 | -77.49587353 | 39.06080379 |
| GC2659 | 2.503376 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.28 | PL19 | -77.49618741 | 39.05973726 |
| GC2660 | 1.217400 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 77.73 | PL19 | -77.49533701 | 39.05941666 |
| GC2661 | 1.901447 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 79.47 | PL19 | -77.49563009 | 39.05850969 |
| GC2662 | 1.431058 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.31 | PL19 | -77.49541618 | 39.05760033 |
| GC2737 | 20.005632 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 61.01 | PL16 | -77.49084508 | 39.09592448 |
| GC2738 | 31.769611 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 46.65 | PL16 | -77.4934278 | 39.09661263 |
| GC2812 | 8.508727 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 54.69 | PL16 | -77.49427277 | 39.09340808 |
| GC2813 | 15.061832 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 64.71 | PL16 | -77.49592281 | 39.0930371 |
| GC2814 | 1.481729 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 75.56 | PL16 | -77.49909316 | 39.09099625 |
| GC2815 | 1.783280 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 73.87 | PL16 | -77.49905128 | 39.09211011 |
| GC2817 | 31.543733 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 41.22 | PL16 | -77.50525801 | 39.08486098 |
| GC547 | 44.527974 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 34.62 | PL21 | -77.3509519 | 39.05086824 |
| GC548 | 1.915721 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 83.23 | PL21 | -77.35166542 | 39.05340195 |
| GC908 | 19.756891 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 61.11 | PL17 | -77.51945446 | 38.98749387 |
| GC909 | 0.617614 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 88.52 | PL17 | -77.51492964 | 38.98575914 |
| GC914 | 5.432688 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 39.20 | PL17 | -77.51531922 | 38.98474047 |
| GC915 | 5.715832 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 38.11 | PL17 | -77.51426601 | 38.98399952 |
| GC919 | 9.918698 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 39.54 | PL17 | -77.51470027 | 38.97927063 |
| GC922 | 21.700370 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 31.99 | PL17 | -77.51770673 | 38.98397719 |
| GC927 | 0.759035 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 48.07 | PL17 | -77.52097933 | 38.98795705 |
| GC948 | 4.202617 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 39.11 | PL17 | -77.51284291 | 38.98324995 |
| GC979 | 39.783781 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 37.31 | PL17 | -77.5176212 | 38.99695677 |
| GC981 | 8.427568 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 83.13 | PL17 | -77.51504807 | 38.99131297 |
| GC982 | 1.192941 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 77.79 | PL17 | -77.51248495 | 38.99101951 |
| GC983 | 1.738538 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 38.29 | PL17 | -77.51168914 | 38.99061486 |
| GC995 | 1.673964 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 70.27 | PL14 | -77.53339021 | 39.02358487 |
| GC996 | 19.227111 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 29.95 | PL14 | -77.53033321 | 39.0244149 |
| GC998 | 0.446388 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 83.02 | PL14 | -77.52858334 | 39.00697517 |
| JC1 | 6.143555 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 55.73 | PL45 | -77.52555245 | 38.91554562 |
| JC1026 | 4.958516 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 78.90 | PL19 | -77.50416667 | 39.03782581 |
| JC1028 | 29.189394 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 19.93 | PL19 | -77.50622585 | 39.03668008 |
| JC1050 | 2.256835 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 99.98 | PL19 | -77.50611647 | 39.03933088 |
| JC1053 | 1.243767 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.50678822 | 39.03904104 |
| JC1056 | 1.259746 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 50.02 | PL19 | -77.50783067 | 39.03886797 |
| JC1058 | 1.245318 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 67.41 | PL19 | -77.50818924 | 39.03804987 |
| JC1063 | 1.036126 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.92 | PL19 | -77.50846951 | 39.03645797 |
| JC1065 | 11.226328 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 41.43 | PL19 | -77.51099951 | 39.03605708 |
| JC1067 | 5.216397 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 94.83 | PL19 | -77.51085322 | 39.03737237 |
| JC1097 | 4.460681 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 89.76 | PL19 | -77.5114375 | 39.03767866 |
| JC1098 | 2.160770 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.86 | PL19 | -77.5120365 | 39.03816017 |

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 |
|---------|-----------------|-------------|----------|---|------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| JC1106 | 1.163833 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.21 | PL19 | -77.51276776 | 39.03738547 |
| JC1125 | 5.531066 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 77.69 | PL19 | -77.51071254 | 39.03486969 |
| JC1127 | 8.294368 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.06 | PL19 | -77.50845495 | 39.03401466 |
| JC1144 | 2.885069 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 84.07 | PL19 | -77.50802921 | 39.03544144 |
| JC1146 | 4.017225 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 21.55 | PL19 | -77.51310682 | 39.03620216 |
| JC11470 | 1.310638 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 70.38 | PL42 | -77.5594627 | 38.91249819 |
| JC11476 | 0.931987 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 92.30 | PL42 | -77.56002469 | 38.91272242 |
| JC11477 | 0.643145 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 56.10 | PL42 | -77.56016156 | 38.91350667 |
| JC1148 | 0.991422 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.92 | PL19 | -77.51488615 | 39.03687557 |
| JC11480 | 0.448327 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 58.71 | PL42 | -77.56058532 | 38.91292842 |
| JC11490 | 1.156462 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 63.88 | PL42 | -77.55974091 | 38.91198332 |
| JC11491 | 8.075892 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 63.80 | PL42 | -77.560582 | 38.90993378 |
| JC11494 | 0.230782 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | | PL42 | -77.55891972 | 38.91195851 |
| JC1175 | 1.340702 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 25.39 | PL19 | -77.5157534 | 39.03730443 |
| JC1177 | 9.014762 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 28.89 | PL19 | -77.51810011 | 39.04008869 |
| JC119 | 2.782182 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 81.52 | PL45 | -77.52619841 | 38.90902896 |
| JC1206 | 3.519742 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 31.83 | PL19 | -77.49970142 | 39.03083857 |
| JC1218 | 1.059284 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 48.20 | PL19 | -77.49860955 | 39.0330724 |
| JC1220 | 2.345647 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL19 | -77.49933864 | 39.03311878 |
| JC1227 | 1.234333 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL19 | -77.500152 | 39.03350396 |
| JC1231 | 23.531806 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 34.52 | PL19 | -77.50229876 | 39.03465186 |
| JC1241 | 4.200866 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 58.16 | PL19 | -77.504103 | 39.03348831 |
| JC125 | 3.650641 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 79.13 | PL45 | -77.5287427 | 38.90973954 |
| JC126 | 3.632073 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 78.53 | PL45 | -77.5304716 | 38.91086803 |
| JC1277 | 3.863950 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 49.28 | PL19 | -77.48758587 | 39.04660254 |
| JC135 | 22.839873 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 67.95 | PL45 | -77.53346583 | 38.90842479 |
| JC1381 | 5.099088 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 52.53 | PL19 | -77.4874464 | 39.05627086 |
| JC1390 | 3.586332 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 53.23 | PL19 | -77.48696744 | 39.05738546 |
| JC1398 | 2.214418 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 51.25 | PL19 | -77.48656087 | 39.05814513 |
| JC14 | 10.009016 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 64.17 | PL45 | -77.52690581 | 38.91441131 |
| JC1403 | 7.359027 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 16.62 | PL19 | -77.48543948 | 39.06020123 |
| JC1421 | 9.788660 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 40.54 | PL19 | -77.48881582 | 39.06158467 |
| JC1439 | 5.394851 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 46.10 | PL19 | -77.48888528 | 39.05987287 |
| JC1456 | 2.678306 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 46.57 | PL19 | -77.48896389 | 39.05873415 |
| JC1459 | 0.777019 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 85.10 | PL19 | -77.48928364 | 39.05669972 |
| JC148 | 7.039656 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 67.72 | PL45 | -77.53137243 | 38.90951695 |
| JC1485 | 7.492587 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 60.01 | PL19 | -77.49041456 | 39.05692686 |
| JC1488 | 6.108171 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 38.40 | PL19 | -77.49038387 | 39.05830007 |
| JC1495 | 1.727550 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 80.81 | PL19 | -77.48969201 | 39.05550384 |
| JC1498 | 2.839513 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 77.31 | PL19 | -77.49184755 | 39.05963816 |
| JC1502 | 1.946675 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.24 | PL19 | -77.49348407 | 39.06036595 |
| JC1518 | 5.896692 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 72.27 | PL19 | -77.49002042 | 39.06218894 |
| JC1519 | 1.262047 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 99.18 | PL19 | -77.49040488 | 39.06045965 |
| JC1529 | 17.703886 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 40.37 | PL19 | -77.4914381 | 39.06261938 |
| JC1542 | 0.749098 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 60.84 | PL19 | -77.49267588 | 39.06236933 |
| JC1549 | 3.399242 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 60.76 | PL19 | -77.49342425 | 39.06150562 |
| JC1567 | 4.525048 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFA | 56.65 | PL16 | -77.50533082 | 39.06863103 |
| JC1584 | 0.451886 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 100.00 | PL16 | -77.50302248 | 39.06848291 |
| JC1586 | 7.718811 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFA | 57.18 | PL16 | -77.50497672 | 39.0698068 |
| JC1588 | 0.182517 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 100.00 | PL16 | -77.50220387 | 39.06907815 |
| JC1593 | 4.693479 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 62.55 | PL16 | -77.49938703 | 39.06884057 |
| JC1604 | 1.282206 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | MULTI_USE | 100.00 | PL16 | -77.50019226 | 39.06841405 |
| JC1630 | 1.866015 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 67.05 | PL16 | -77.50616363 | 39.07087468 |
| JC1631 | 3.513853 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 51.26 | PL16 | -77.50562499 | 39.07234471 |
| JC1656 | 12.650041 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | MULTI_USE | 47.64 | PL16 | -77.50376471 | 39.07321136 |
| JC1662 | 1.351604 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFA | 53.02 | PL16 | -77.5038637 | 39.06818397 |
| JC168 | 5.377558 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 75.61 | PL45 | -77.52795213 | 38.90330462 |
| JC1685 | 1.606200 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.67 | PL19 | -77.49912458 | 39.067114 |
| JC169 | 0.840525 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 61.66 | PL45 | -77.52673748 | 38.90452817 |
| JC1693 | 3.660669 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 77.37 | PL19 | -77.49968381 | 39.06662001 |

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 |
|--------|-----------------|-------------|----------|---|------------------------------|-------------------|---------------------------|-------|--------------|-------------|
| JC1696 | 8.745458 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 49.33 | PL16 | -77.50198777 | 39.06767812 |
| JC1716 | 1.263142 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | | | PL16 | -77.48825415 | 39.07463495 |
| JC1717 | 6.840164 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | MULTI_USE | 42.58 | PL16 | -77.48839186 | 39.07516564 |
| JC173 | 3.184955 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 72.89 | PL45 | -77.53008808 | 38.90420638 |
| JC1739 | 2.016283 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | | | PL16 | -77.49333458 | 39.0771099 |
| JC1741 | 0.668456 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | | | PL16 | -77.49750015 | 39.07912528 |
| JC1746 | 2.760451 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | | | PL16 | -77.49429746 | 39.07793167 |
| JC1773 | 1.370765 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | | | PL16 | -77.50064326 | 39.08065954 |
| JC1774 | 15.316475 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | MULTI_USE | 11.32 | PL16 | -77.49968485 | 39.08122586 |
| JC1790 | 0.392269 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | | | PL16 | -77.50600903 | 39.08316819 |
| JC1791 | 0.996175 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | | | PL16 | -77.50394114 | 39.08215821 |
| JC1800 | 8.314742 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | MULTI_USE | 36.41 | PL16 | -77.5083209 | 39.08486734 |
| JC1803 | 0.201949 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | PUBLIC | 0.00 | PL16 | -77.51210125 | 39.08634488 |
| JC1817 | 0.830691 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | | | PL16 | -77.51785622 | 39.08912427 |
| JC1829 | 0.828351 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | | | PL16 | -77.51464408 | 39.08779613 |
| JC1831 | 0.103052 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | | | PL16 | -77.51210422 | 39.0866309 |
| JC1837 | 7.807332 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 57.25 | PL16 | -77.49675452 | 39.08741515 |
| JC1849 | 29.190108 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 39.70 | PL16 | -77.49613047 | 39.08909322 |
| JC186 | 3.847632 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 77.15 | PL45 | -77.531487 | 38.90495498 |
| JC1886 | 1.626558 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 70.98 | PL16 | -77.49918079 | 39.09026279 |
| JC1963 | 38.663677 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 44.75 | PL16 | -77.51164515 | 39.0953659 |
| JC202 | 9.164655 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 74.05 | PL45 | -77.52855697 | 38.90645366 |
| JC2025 | 32.361429 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 52.62 | PL16 | -77.5062647 | 39.09698765 |
| JC203 | 0.247665 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 51.65 | PL45 | -77.52603588 | 38.90629621 |
| JC210 | 3.335412 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 77.98 | PL45 | -77.52862489 | 38.90540589 |
| JC211 | 12.126380 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 45.11 | PL45 | -77.51826639 | 38.90340505 |
| JC2124 | 3.835675 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 75.86 | PL17 | -77.50133598 | 38.98470614 |
| JC214 | 3.060378 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_GOLF_COURSE | 64.25 | PL45 | -77.51771446 | 38.90544371 |
| JC2152 | 1.304060 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 75.09 | PL17 | -77.52042519 | 38.9977518 |
| JC2153 | 1.695269 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 77.55 | PL17 | -77.52027935 | 38.99574997 |
| JC2154 | 12.162867 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 59.11 | PL17 | -77.51937518 | 38.99547939 |
| JC2199 | 5.108443 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 86.74 | PL17 | -77.48437946 | 38.99575939 |
| JC2226 | 3.529641 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.08 | PL19 | -77.49694123 | 39.05364021 |
| JC2227 | 8.384919 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 80.38 | PL19 | -77.49771342 | 39.0553207 |
| JC2228 | 4.887562 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 75.05 | PL19 | -77.4983931 | 39.05743443 |
| JC2229 | 4.744647 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 90.62 | PL19 | -77.49725514 | 39.05599618 |
| JC2230 | 3.394908 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 35.24 | PL19 | -77.50097212 | 39.05678734 |
| JC2231 | 17.983025 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 56.61 | PL19 | -77.49943744 | 39.05557126 |
| JC227 | 7.869750 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_GOLF_COURSE | 56.14 | PL45 | -77.51882912 | 38.90614037 |
| JC2294 | 0.742686 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 63.63 | PL19 | -77.50468585 | 39.01742232 |
| JC2297 | 6.489880 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 43.51 | PL19 | -77.50412862 | 39.01636237 |
| JC2299 | 2.978469 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.68 | PL19 | -77.50407978 | 39.01792333 |
| JC2306 | 2.810958 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | MULTI_USE | 45.58 | PL17 | -77.48085541 | 38.99383787 |
| JC2326 | 7.231368 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 84.17 | PL17 | -77.50043081 | 38.98858956 |
| JC2327 | 4.432534 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 69.57 | PL17 | -77.50135157 | 38.98659754 |
| JC2415 | 3.576212 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 49.80 | PL19 | -77.49794859 | 39.0524413 |
| JC2417 | 3.252823 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 40.16 | PL19 | -77.49691425 | 39.05136149 |
| JC2418 | 6.415344 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 18.81 | PL19 | -77.49684577 | 39.05270204 |
| JC2419 | 6.689654 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 35.13 | PL19 | -77.49400495 | 39.05204125 |
| JC2422 | 5.551043 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 83.35 | PL19 | -77.50113309 | 39.05976569 |
| JC243 | 2.923416 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 50.76 | PL45 | -77.51693998 | 38.90811355 |
| JC2492 | 0.691598 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.02 | PL19 | -77.51812821 | 39.00256818 |
| JC2493 | 15.211603 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.83 | PL19 | -77.52052336 | 39.00245099 |
| JC2494 | 0.507937 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.07 | PL19 | -77.51804201 | 39.00333374 |
| JC2496 | 3.881794 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 83.16 | PL19 | -77.5170951 | 39.00689012 |
| JC2498 | 0.089702 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.51 | PL19 | -77.51662714 | 39.00524908 |
| JC2499 | 0.752474 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.03 | PL19 | -77.516216 | 39.00550884 |
| JC2515 | 9.423665 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 89.14 | PL17 | -77.48233408 | 38.99248442 |
| JC2516 | 20.950579 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | MULTI_USE | 79.40 | PL17 | -77.48409272 | 38.99218636 |
| JC2524 | 14.874180 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 42.62 | PL17 | -77.50501541 | 38.98743343 |

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 |
|---------|-----------------|-------------|----------|---|---------------------------|--------------------|---------------------------|-------|--------------|--------------|
| JC2527 | 1.594856 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 78.72 | PL17 | -77.50280034 | 38.98703661 |
| JC2563 | 5.810536 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 85.58 | PL17 | -77.52008926 | 38.99063973 |
| JC2565 | 5.710652 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 66.30 | PL17 | -77.51984539 | 38.98939046 |
| JC266 | 8.523929 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 40.95 | PL45 | -77.52111945 | 38.91054853 |
| JC2696 | 3.854925 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 76.98 | PL19 | -77.51757592 | 39.00840835 |
| JC2702 | 0.548616 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.25 | PL19 | -77.46931896 | 39.0544348 |
| JC2704 | 14.330495 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 35.66 | PL19 | -77.46941463 | 39.05579443 |
| JC2727 | 29.010101 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 38.02 | PL17 | -77.48632846 | 38.99200475 |
| JC2744 | 9.232897 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 70.05 | PL17 | -77.50361758 | 38.98684119 |
| JC2755 | 6.963961 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 86.42 | PL19 | -77.49425573 | 39.04508024 |
| JC2813 | 3.505816 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 54.00 | PL19 | -77.50076097 | 39.062255078 |
| JC2816 | 0.775725 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 57.06 | PL19 | -77.50256253 | 39.06093936 |
| JC2817 | 7.485383 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 62.99 | PL19 | -77.50100751 | 39.05904506 |
| JC2818 | 0.551159 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 82.38 | PL19 | -77.49876527 | 39.06023657 |
| JC2819 | 2.925652 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 61.37 | PL19 | -77.4969046 | 39.06150221 |
| JC2881 | 1.105382 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 25.33 | PL19 | -77.51555889 | 39.00619846 |
| JC2882 | 3.373760 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 26.44 | PL19 | -77.51388861 | 39.00771262 |
| JC2898 | 2.183457 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.24 | PL19 | -77.5154432 | 39.00809302 |
| JC2899 | 3.533145 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 84.18 | PL19 | -77.51849214 | 39.00897189 |
| JC2930 | 1.251487 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 61.85 | PL17 | -77.48390949 | 38.9897806 |
| JC2931 | 3.610719 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 48.87 | PL17 | -77.48471646 | 38.98940849 |
| JC2932 | 1.547562 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 64.74 | PL17 | -77.48403534 | 38.98890885 |
| JC2953 | 4.499572 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_UNENTITLED | 3.34 | PL17 | -77.50003315 | 38.99280578 |
| JC2954 | 2.394493 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 9.21 | PL17 | -77.49582072 | 38.99419566 |
| JC2988 | 8.890581 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.87 | PL19 | -77.49490301 | 39.047065 |
| JC2991 | 0.812082 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.98 | PL19 | -77.49802036 | 39.04803281 |
| JC30000 | 7.312353 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 76.79 | PL19 | -77.47743094 | 39.02249965 |
| JC30001 | 2.090486 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 63.65 | PL19 | -77.47607262 | 39.02217147 |
| JC30003 | 8.859281 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 65.07 | PL19 | -77.47932031 | 39.02225871 |
| JC30004 | 1.202979 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 67.77 | PL19 | -77.48692142 | 39.0141448 |
| JC30005 | 0.182207 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 88.93 | PL19 | -77.48817202 | 39.01316968 |
| JC30006 | 0.326250 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 51.73 | PL19 | -77.4886437 | 39.01337727 |
| JC30007 | 1.203379 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 53.19 | PL19 | -77.48841374 | 39.01409292 |
| JC30008 | 2.342772 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 65.65 | PL19 | -77.48737489 | 39.01313132 |
| JC30009 | 9.880144 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 42.27 | PL17 | -77.50564748 | 39.00140245 |
| JC30010 | 1.456343 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 39.31 | PL17 | -77.50493754 | 39.00214232 |
| JC30011 | 1.578388 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 2.58 | PL17 | -77.50635407 | 39.00264684 |
| JC30012 | 18.030902 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 63.22 | PL17 | -77.50781785 | 39.00076619 |
| JC30021 | 15.639745 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 56.01 | PL17 | -77.52506751 | 38.99185842 |
| JC30024 | 2.980272 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 69.92 | PL17 | -77.52341502 | 38.97821813 |
| JC30030 | 42.744262 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 38.91 | PL17 | -77.52385562 | 38.9734523 |
| JC30034 | 22.224976 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 57.81 | PL17 | -77.52048167 | 38.97498822 |
| JC30037 | 8.161131 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 34.49 | PL17 | -77.52364506 | 38.97114055 |
| JC30050 | 51.123464 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | MULTI_USE | 27.23 | PL14 | -77.53787091 | 38.98435801 |
| JC30072 | 1.311042 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 69.49 | PL19 | -77.46697635 | 39.05019682 |
| JC30073 | 11.557162 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 58.66 | PL19 | -77.4670313 | 39.04793279 |
| JC30074 | 3.905119 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 52.75 | PL19 | -77.46827863 | 39.05131075 |
| JC30075 | 3.223840 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_MFA | 46.49 | PL21 | -77.35579424 | 39.03854399 |
| JC30076 | 1.054993 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_MFA | 60.59 | PL21 | -77.35544163 | 39.03919992 |
| JC30077 | 1.006687 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_MFA | 59.20 | PL21 | -77.35577284 | 39.03962751 |
| JC30078 | 1.679662 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 45.05 | PL21 | -77.35652106 | 39.03739301 |
| JC30079 | 9.337485 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 35.24 | PL21 | -77.35605683 | 39.03567302 |
| JC30080 | 0.270074 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 78.90 | PL21 | -77.35492121 | 39.03611321 |
| JC30081 | 1.813132 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 57.87 | PL21 | -77.35532189 | 39.03698505 |
| JC30082 | 3.462296 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 63.40 | PL19 | -77.46480647 | 39.0483591 |
| JC30083 | 6.019046 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 53.11 | PL19 | -77.46638098 | 39.0449143 |
| JC3017 | 3.227312 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 43.74 | PL19 | -77.50291603 | 39.06213468 |
| JC3018 | 7.029122 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 54.06 | PL19 | -77.50159972 | 39.06335181 |
| JC30196 | 16.734932 | 20700080301 | No | Chesapeake Bay | South Fork Catactin Creek | RES_SFD | 69.85 | PL02 | -77.6574808 | 39.13507599 |
| JC30198 | 0.875785 | 20700080301 | No | Chesapeake Bay | South Fork Catactin Creek | RES_SFD | 49.51 | PL02 | -77.65905612 | 39.13630751 |

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 |
|---------|-----------------|-------------|----------|---|------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| JC30199 | 7.144229 | 20700080301 | No | Chesapeake Bay | South Fork Catactin Creek | RES_SFD | 59.63 | PL02 | -77.6599466 | 39.13565797 |
| JC3021 | 6.869524 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 48.32 | PL19 | -77.50157343 | 39.06579744 |
| JC30217 | 6.616518 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 55.10 | PL45 | -77.52878526 | 38.92258191 |
| JC30219 | 0.631830 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 31.74 | PL45 | -77.53328248 | 38.92159386 |
| JC30220 | 7.594620 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 56.69 | PL45 | -77.536056 | 38.92105422 |
| JC30221 | 1.558564 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 62.67 | PL45 | -77.53430895 | 38.9221139 |
| JC30222 | 2.406770 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 95.01 | PL45 | -77.53429773 | 38.92070957 |
| JC30224 | 0.776693 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 85.05 | PL45 | -77.5288152 | 38.92307524 |
| JC30226 | 2.443920 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 62.73 | PL17 | -77.58408524 | 38.95111382 |
| JC30227 | 5.844127 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 40.24 | PL17 | -77.58629746 | 38.95184297 |
| JC30228 | 3.594312 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 69.95 | PL17 | -77.59029178 | 38.95194664 |
| JC30229 | 16.688118 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 63.78 | PL17 | -77.59502204 | 38.95194866 |
| JC3023 | 2.412332 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 48.40 | PL19 | -77.49981169 | 39.06348177 |
| JC30230 | 1.581065 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 58.58 | PL17 | -77.60212544 | 38.9518785 |
| JC30231 | 4.156102 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 79.14 | PL17 | -77.60708731 | 38.94986258 |
| JC30233 | 17.413200 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 79.47 | PL17 | -77.5988549 | 38.94634695 |
| JC30234 | 5.224191 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 76.90 | PL17 | -77.59772734 | 38.9450465 |
| JC30236 | 1.209800 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 66.37 | PL17 | -77.59215475 | 38.94823997 |
| JC30243 | 83.552069 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 48.64 | PL42 | -77.55767474 | 38.91980185 |
| JC30244 | 8.361722 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 52.77 | PL42 | -77.56196821 | 38.91454438 |
| JC30247 | 1.111267 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 52.32 | PL42 | -77.56055599 | 38.91226678 |
| JC30258 | 9.704087 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 89.64 | PL18 | -77.42974539 | 38.99610075 |
| JC30260 | 23.900870 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 41.12 | PL42 | -77.54687942 | 38.91297423 |
| JC30262 | 13.043480 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 62.85 | PL45 | -77.47928516 | 38.90826183 |
| JC30263 | 3.265506 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 61.06 | PL45 | -77.5118973 | 38.91226458 |
| JC3093 | 0.397717 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.78 | PL19 | -77.48770698 | 39.02716481 |
| JC3094 | 49.174284 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.78 | PL19 | -77.49148225 | 39.02649417 |
| JC3096 | 10.208202 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 55.45 | PL19 | -77.49084928 | 39.02424101 |
| JC3098 | 6.433624 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 96.00 | PL19 | -77.49236751 | 39.02144007 |
| JC3106 | 6.801797 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.68 | PL19 | -77.47035724 | 39.05736516 |
| JC3107 | 27.603158 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 61.55 | PL19 | -77.47171883 | 39.06002923 |
| JC3125 | 0.636911 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 56.03 | PL17 | -77.48334386 | 38.98849719 |
| JC3126 | 1.012777 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 53.79 | PL17 | -77.48389664 | 38.98834763 |
| JC3127 | 2.498038 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 53.64 | PL17 | -77.4848663 | 38.98839201 |
| JC3155 | 11.369092 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 69.74 | PL17 | -77.49797941 | 38.98877665 |
| JC3157 | 1.571002 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 76.61 | PL17 | -77.49677321 | 38.98757196 |
| JC3199 | 13.013317 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.04 | PL19 | -77.49752596 | 39.04582428 |
| JC3213 | 7.029827 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 64.85 | PL16 | -77.50884719 | 39.10465509 |
| JC3214 | 1.552880 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 52.57 | PL16 | -77.50934143 | 39.10624975 |
| JC3243 | 4.384357 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 52.81 | PL19 | -77.50455818 | 39.05933365 |
| JC3246 | 1.802289 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 57.20 | PL19 | -77.50449935 | 39.05850508 |
| JC3248 | 5.123601 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 66.22 | PL19 | -77.5044526 | 39.06103995 |
| JC3249 | 4.834247 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 31.21 | PL19 | -77.50185896 | 39.05834085 |
| JC3250 | 1.710665 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 44.88 | PL19 | -77.49199598 | 39.05363054 |
| JC3306 | 0.821414 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.00 | PL19 | -77.4721848 | 39.05737299 |
| JC3321 | 5.310475 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 47.11 | PL17 | -77.4865977 | 38.98918864 |
| JC3323 | 2.415188 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 54.28 | PL17 | -77.48747265 | 38.98941483 |
| JC3362 | 0.465572 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | | | PL17 | -77.51124467 | 38.98933588 |
| JC3364 | 14.586185 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 55.91 | PL17 | -77.5119738 | 38.98895554 |
| JC3373 | 11.443359 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 75.42 | PL17 | -77.52668038 | 38.98049156 |
| JC3394 | 3.849981 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 68.46 | PL16 | -77.51092455 | 39.10558088 |
| JC3395 | 6.217337 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 60.24 | PL16 | -77.51300554 | 39.10752832 |
| JC3396 | 2.004240 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 81.10 | PL16 | -77.51219037 | 39.10825972 |
| JC3397 | 1.536776 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 57.89 | PL16 | -77.51116735 | 39.10817021 |
| JC3398 | 2.784310 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 87.16 | PL16 | -77.51272736 | 39.10898293 |
| JC3454 | 0.946859 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 39.81 | PL19 | -77.49251374 | 39.05298118 |
| JC3455 | 0.230234 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_GOLF_COURSE | 5.07 | PL19 | -77.49035102 | 39.05399466 |
| JC3457 | 1.049639 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 75.42 | PL19 | -77.49259816 | 39.05113006 |
| JC3458 | 8.163494 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 27.60 | PL19 | -77.49047282 | 39.05220267 |
| JC3459 | 1.838879 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 71.78 | PL19 | -77.49077828 | 39.05110675 |

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 |
|--------|-----------------|-------------|----------|---------------------------------------|------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| JC3460 | 2.209989 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 66.66 | PL19 | -77.49403484 | 39.05082175 |
| JC3461 | 0.522356 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 94.26 | PL19 | -77.49404081 | 39.05125212 |
| JC3531 | 2.853876 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 44.37 | PL17 | -77.49446349 | 38.99263688 |
| JC3568 | 1.835542 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 58.56 | PL16 | -77.51520365 | 39.10931244 |
| JC3569 | 1.481150 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 64.10 | PL16 | -77.5143992 | 39.110352 |
| JC3570 | 10.869541 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 75.68 | PL16 | -77.51469755 | 39.107712 |
| JC3639 | 16.697060 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 37.77 | PL19 | -77.48414323 | 39.05775788 |
| JC3641 | 8.920487 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 51.97 | PL19 | -77.48394071 | 39.06016007 |
| JC3643 | 12.011211 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.86 | PL19 | -77.48320449 | 39.06122116 |
| JC3644 | 0.503446 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 95.64 | PL19 | -77.48107512 | 39.05921076 |
| JC3706 | 5.443568 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 63.66 | PL19 | -77.4728067 | 39.05824185 |
| JC3726 | 7.195843 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 24.80 | PL17 | -77.4858644 | 38.99472233 |
| JC3758 | 13.798920 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 79.80 | PL17 | -77.51014488 | 38.98767812 |
| JC3759 | 6.567967 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 84.16 | PL17 | -77.50802012 | 38.98643696 |
| JC378 | 1.157312 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 61.24 | PL19 | -77.48756521 | 39.02998378 |
| JC3909 | 1.450875 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.46583453 | 39.05772063 |
| JC3926 | 2.573588 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 0.04 | PL17 | -77.49017221 | 38.994499 |
| JC3927 | 0.200808 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | | | PL17 | -77.48714831 | 38.99476992 |
| JC3929 | 0.939650 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 78.65 | PL17 | -77.4895503 | 38.99376806 |
| JC3930 | 1.599957 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 33.32 | PL17 | -77.49009614 | 38.99419648 |
| JC3931 | 1.207475 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 50.41 | PL17 | -77.48832945 | 38.99323911 |
| JC3951 | 1.027013 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 49.22 | PL17 | -77.50707187 | 38.98913109 |
| JC3961 | 4.520400 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 85.20 | PL17 | -77.51143426 | 38.98483776 |
| JC3982 | 35.146156 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 39.76 | PL16 | -77.52186496 | 39.10495739 |
| JC3992 | 17.718966 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 49.35 | PL17 | -77.52639599 | 38.97881647 |
| JC4046 | 0.575351 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 47.78 | PL19 | -77.48151673 | 39.05955113 |
| JC4108 | 2.491162 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.46623455 | 39.0582439 |
| JC4122 | 1.313017 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 57.47 | PL17 | -77.48826911 | 38.99385785 |
| JC4123 | 2.083077 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 51.17 | PL17 | -77.48832635 | 38.99251135 |
| JC4127 | 0.714801 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 72.39 | PL17 | -77.52228958 | 38.98465763 |
| JC4157 | 2.868496 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 50.78 | PL17 | -77.49024554 | 38.99348653 |
| JC4158 | 1.526175 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 52.00 | PL17 | -77.49030418 | 38.99274539 |
| JC4159 | 0.583031 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 52.30 | PL17 | -77.48904989 | 38.99236132 |
| JC4183 | 18.289994 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 73.65 | PL17 | -77.51331943 | 38.98705022 |
| JC4184 | 2.814328 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 83.39 | PL17 | -77.51094362 | 38.98583269 |
| JC4185 | 20.989063 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 32.61 | PL17 | -77.52475376 | 38.98512273 |
| JC419 | 7.240849 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 43.37 | PL19 | -77.48579791 | 39.03294544 |
| JC4200 | 3.875956 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 65.05 | PL16 | -77.51186173 | 39.10474981 |
| JC4201 | 1.038278 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 63.16 | PL16 | -77.51437232 | 39.10535781 |
| JC4202 | 0.329393 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 0.53 | PL16 | -77.51510341 | 39.10615776 |
| JC4203 | 36.877501 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 51.83 | PL16 | -77.51849871 | 39.10430552 |
| JC4208 | 37.884169 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 63.70 | PL17 | -77.5259289 | 38.9766096 |
| JC4210 | 5.788570 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 84.00 | PL17 | -77.52186002 | 38.97706258 |
| JC4211 | 9.706881 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 77.49 | PL17 | -77.52042312 | 38.97736725 |
| JC4212 | 2.593555 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 63.07 | PL17 | -77.52116193 | 38.97800158 |
| JC424 | 1.310612 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.87 | PL19 | -77.48569 | 39.03464135 |
| JC427 | 0.975605 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.63 | PL19 | -77.48789745 | 39.03444662 |
| JC430 | 0.809108 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.88 | PL19 | -77.48713816 | 39.03494156 |
| JC4323 | 15.176684 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 61.84 | PL17 | -77.52319674 | 38.98636854 |
| JC4324 | 90.169703 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 28.43 | PL17 | -77.52840898 | 38.98808961 |
| JC433 | 1.863135 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.55 | PL19 | -77.48914684 | 39.03457079 |
| JC4344 | 1.304266 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 54.76 | PL17 | -77.48882134 | 38.99200139 |
| JC4345 | 4.262041 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 57.36 | PL17 | -77.48864782 | 38.99105221 |
| JC4346 | 1.468971 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 57.47 | PL17 | -77.48920245 | 38.99026671 |
| JC4347 | 1.391922 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 55.47 | PL17 | -77.4885175 | 38.99004103 |
| JC4348 | 1.243982 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 51.13 | PL17 | -77.4891313 | 38.99158215 |
| JC4349 | 0.546079 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 59.38 | PL17 | -77.49040595 | 38.99237326 |
| JC436 | 2.273192 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.72 | PL19 | -77.49075742 | 39.03487888 |
| JC4384 | 3.931920 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 63.22 | PL17 | -77.52736456 | 38.98222332 |
| JC4420 | 1.684578 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 62.13 | PL16 | -77.51943618 | 39.10137396 |

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 |
|--------|-----------------|-------------|----------|---------------------------------------|----------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| JC4422 | 16.778754 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 52.96 | PL16 | -77.50811317 | 39.11033539 |
| JC4423 | 0.972747 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 71.91 | PL16 | -77.50550154 | 39.10828836 |
| JC4425 | 1.203847 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 58.39 | PL17 | -77.53005689 | 38.98033535 |
| JC4431 | 26.802647 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 61.38 | PL17 | -77.51750491 | 38.97785613 |
| JC447 | 0.565276 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 8.94 | PL19 | -77.48627246 | 39.03872531 |
| JC4512 | 14.161597 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 45.73 | PL16 | -77.50872259 | 39.10246028 |
| JC4522 | 4.145243 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 65.78 | PL17 | -77.52425205 | 38.98044533 |
| JC4523 | 0.219817 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 77.59 | PL17 | -77.52424343 | 38.98145714 |
| JC4525 | 1.024415 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 72.56 | PL17 | -77.52294655 | 38.98201747 |
| JC4526 | 0.809906 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 90.70 | PL17 | -77.5235505 | 38.98213848 |
| JC4546 | 0.733944 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 56.24 | PL17 | -77.49103086 | 38.99244023 |
| JC4547 | 4.875942 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 48.60 | PL17 | -77.49156825 | 38.99350798 |
| JC4548 | 15.840970 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 84.42 | PL17 | -77.49326154 | 38.99618656 |
| JC458 | 2.961613 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.24 | PL19 | -77.48663305 | 39.03807944 |
| JC4620 | 0.690425 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 56.87 | PL16 | -77.5111985 | 39.11062982 |
| JC4621 | 1.580378 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 50.44 | PL16 | -77.51072388 | 39.11039558 |
| JC4622 | 1.399074 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 52.02 | PL16 | -77.51027147 | 39.11002168 |
| JC4623 | 1.419157 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 46.75 | PL16 | -77.50973909 | 39.10976717 |
| JC4624 | 33.987644 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 40.14 | PL16 | -77.50480398 | 39.11009828 |
| JC4635 | 17.646546 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 59.45 | PL14 | -77.53171836 | 39.02610394 |
| JC4639 | 2.924589 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 98.53 | PL19 | -77.46957033 | 39.01976793 |
| JC4640 | 1.424693 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 80.21 | PL19 | -77.47023709 | 39.02037163 |
| JC468 | 3.790721 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 84.29 | PL19 | -77.48622048 | 39.03708289 |
| JC4723 | 2.532645 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 70.85 | PL17 | -77.5228151 | 38.98264365 |
| JC4725 | 0.364994 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 56.36 | PL17 | -77.52193764 | 38.98224673 |
| JC474 | 1.495385 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 57.04 | PL19 | -77.48786135 | 39.03669372 |
| JC4741 | 8.227230 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 80.90 | PL17 | -77.49973107 | 38.98723334 |
| JC4742 | 1.213582 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 38.51 | PL17 | -77.49330262 | 38.99235399 |
| JC4743 | 1.437636 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 97.38 | PL17 | -77.49366777 | 38.99256226 |
| JC4744 | 6.519230 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 75.05 | PL17 | -77.49405566 | 38.99504598 |
| JC478 | 1.507599 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 81.55 | PL19 | -77.48852989 | 39.03668389 |
| JC4815 | 1.266071 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 59.84 | PL16 | -77.50942892 | 39.10935947 |
| JC4816 | 2.265880 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFA | 44.30 | PL16 | -77.512507 | 39.11165552 |
| JC4817 | 13.535087 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 56.12 | PL16 | -77.51076239 | 39.1117155 |
| JC4818 | 3.015591 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 59.86 | PL16 | -77.51322635 | 39.1124336 |
| JC4819 | 0.278612 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFA | 53.82 | PL16 | -77.51393256 | 39.11220699 |
| JC484 | 0.969436 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 35.24 | PL19 | -77.49001245 | 39.03744183 |
| JC4879 | 3.419353 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 81.34 | PL19 | -77.47959499 | 39.02135571 |
| JC4880 | 3.096882 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 20.33 | PL19 | -77.48078713 | 39.02176193 |
| JC4881 | 1.238927 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 21.36 | PL19 | -77.48114297 | 39.0212391 |
| JC491 | 1.530140 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.49076772 | 39.03810894 |
| JC4914 | 1.165882 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 71.11 | PL17 | -77.49186458 | 38.99115301 |
| JC4923 | 1.250644 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 60.22 | PL17 | -77.49943538 | 38.98572569 |
| JC4925 | 1.617904 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 77.62 | PL17 | -77.49815978 | 38.9869059 |
| JC4949 | 33.778733 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 65.16 | PL17 | -77.53119414 | 38.97936462 |
| JC4997 | 4.312025 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | HOA | 52.28 | PL05 | -77.49486166 | 39.10894026 |
| JC4998 | 1.775517 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | HOA | 54.52 | PL05 | -77.49607292 | 39.10967224 |
| JC501 | 2.624824 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 92.52 | PL19 | -77.4913166 | 39.0388862 |
| JC5054 | 1.604894 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 9.56 | PL19 | -77.48189808 | 39.01989402 |
| JC5055 | 3.537472 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 8.32 | PL19 | -77.48382231 | 39.01654867 |
| JC5107 | 11.614203 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 57.91 | PL16 | -77.5069365 | 39.10230618 |
| JC5115 | 1.333412 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 73.67 | PL17 | -77.49245471 | 38.99177424 |
| JC5118 | 39.514429 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 67.80 | PL17 | -77.49478817 | 38.99020217 |
| JC5119 | 1.133174 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 58.28 | PL17 | -77.49191296 | 38.99033332 |
| JC5126 | 5.255233 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 72.03 | PL17 | -77.50884297 | 38.98568705 |
| JC516 | 13.556002 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 66.60 | PL19 | -77.48978224 | 39.03937029 |
| JC517 | 6.534160 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 44.52 | PL19 | -77.50732551 | 39.04408293 |
| JC5202 | 1.602193 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 69.21 | PL16 | -77.50290633 | 39.10049918 |
| JC5203 | 2.159907 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 81.19 | PL16 | -77.50204724 | 39.10008812 |
| JC5204 | 1.066424 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 64.68 | PL16 | -77.49955368 | 39.0987022 |

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 |
|--------|-----------------|-------------|----------|---------------------------------------|----------------------------------|--------------------|---------------------------|-------|--------------|-------------|
| JC5345 | 1.910791 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 70.50 | PL17 | -77.52297575 | 38.98041622 |
| JC5346 | 61.511343 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 41.76 | PL17 | -77.52995908 | 38.98478449 |
| JC5371 | 4.556555 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 74.71 | PL17 | -77.52917017 | 38.98239859 |
| JC5404 | 4.339915 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | RES_SFA | 69.20 | PL05 | -77.49589104 | 39.11123917 |
| JC5457 | 0.204792 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 31.55 | PL19 | -77.50326048 | 39.06169851 |
| JC5463 | 0.299308 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 64.81 | PL19 | -77.50234081 | 39.06226995 |
| JC5514 | 7.778636 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 57.14 | PL16 | -77.50506979 | 39.10124867 |
| JC5517 | 8.732955 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 79.03 | PL16 | -77.50434724 | 39.10204812 |
| JC552 | 2.437943 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 56.29 | PL19 | -77.50582899 | 39.04421856 |
| JC5531 | 2.575348 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 61.89 | PL17 | -77.49657782 | 38.99212899 |
| JC5532 | 2.520422 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 68.08 | PL17 | -77.49787993 | 38.99134181 |
| JC5533 | 1.476624 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 98.76 | PL17 | -77.4959598 | 38.99230044 |
| JC5534 | 1.740566 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 68.12 | PL17 | -77.49533605 | 38.99243781 |
| JC556 | 2.457789 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 72.57 | PL19 | -77.50448644 | 39.04424599 |
| JC5566 | 4.293488 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 45.51 | PL17 | -77.53406069 | 38.98463369 |
| JC5567 | 0.224046 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 37.72 | PL17 | -77.52105096 | 38.98899338 |
| JC5570 | 1.451630 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 60.90 | PL16 | -77.51368112 | 39.10915924 |
| JC5578 | 5.639042 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 70.74 | PL16 | -77.50085594 | 39.09848146 |
| JC5579 | 0.238787 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 46.34 | PL16 | -77.50174093 | 39.09747151 |
| JC5580 | 4.308992 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 65.50 | PL16 | -77.50327022 | 39.0971356 |
| JC5637 | 2.589603 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_CHURCH | 24.87 | PL19 | -77.46235107 | 39.05657501 |
| JC5638 | 3.290892 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 35.67 | PL19 | -77.46290684 | 39.05500165 |
| JC5639 | 0.522472 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.4639868 | 39.05579507 |
| JC5644 | 7.987150 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 14.62 | PL19 | -77.5016937 | 39.06595124 |
| JC566 | 4.546579 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 66.37 | PL19 | -77.50518262 | 39.04499628 |
| JC5672 | 64.151330 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 26.86 | PL20 | -77.49204974 | 39.09144758 |
| JC5677 | 10.652081 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 55.00 | PL20 | -77.48212933 | 39.09493174 |
| JC5713 | 2.064571 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 80.71 | PL16 | -77.50598712 | 39.10331149 |
| JC5729 | 1.274443 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 93.81 | PL17 | -77.49475419 | 38.99246799 |
| JC5733 | 2.914476 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 74.15 | PL17 | -77.49887847 | 38.99218917 |
| JC5735 | 12.689037 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 64.95 | PL17 | -77.49993077 | 38.99055238 |
| JC5736 | 1.166716 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 26.58 | PL17 | -77.5008511 | 38.99173303 |
| JC5759 | 5.987940 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 83.53 | PL17 | -77.52174169 | 38.9903325 |
| JC5763 | 15.558558 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 64.53 | PL17 | -77.52263318 | 38.99271083 |
| JC5773 | 1.043135 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 61.26 | PL16 | -77.49959023 | 39.09756631 |
| JC5774 | 7.909715 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 75.94 | PL16 | -77.50457735 | 39.09543859 |
| JC5775 | 4.104015 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 78.55 | PL16 | -77.50174871 | 39.09580742 |
| JC583 | 28.297086 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 46.12 | PL19 | -77.50954483 | 39.04547708 |
| JC5832 | 0.487928 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 3.49 | PL19 | -77.46468986 | 39.05614161 |
| JC5833 | 22.456372 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 21.22 | PL19 | -77.46723451 | 39.05680954 |
| JC5845 | 3.473650 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 20.11 | PL19 | -77.50291388 | 39.06021748 |
| JC5846 | 0.060746 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 82.48 | PL19 | -77.50304603 | 39.05899706 |
| JC5870 | 11.351248 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 38.51 | PL20 | -77.48118033 | 39.09312151 |
| JC5871 | 10.036740 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 46.65 | PL20 | -77.48332321 | 39.09645026 |
| JC5872 | 45.071030 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 32.71 | PL16 | -77.48644425 | 39.09585605 |
| JC589 | 8.571524 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 39.97 | PL19 | -77.50507038 | 39.04215632 |
| JC5893 | 14.899412 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 43.39 | PL19 | -77.48659727 | 39.05536887 |
| JC5894 | 2.952632 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.30 | PL19 | -77.49034092 | 39.05528335 |
| JC5896 | 5.195860 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.28 | PL19 | -77.49350503 | 39.0534249 |
| JC5913 | 10.538807 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 84.84 | PL17 | -77.48206609 | 38.993767 |
| JC5937 | 2.091910 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 68.61 | PL17 | -77.50104502 | 38.98974987 |
| JC5985 | 20.392810 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 78.12 | PL17 | -77.52397164 | 38.99452113 |
| JC5988 | 1.391612 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 74.08 | PL17 | -77.52021858 | 38.99423676 |
| JC5999 | 1.711885 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_HOTEL | 79.98 | PL17 | -77.48272655 | 38.99740061 |
| JC600 | 1.333924 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 51.46 | PL19 | -77.50614939 | 39.04227153 |
| JC6001 | 12.782472 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 72.51 | PL17 | -77.48366492 | 38.99876096 |
| JC6002 | 1.084073 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_HOTEL | 1.35 | PL17 | -77.48307495 | 38.99633012 |
| JC6017 | 8.404714 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.46965319 | 39.06201938 |
| JC6020 | 22.291739 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 72.21 | PL19 | -77.47861953 | 39.01697097 |
| JC6021 | 30.192565 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 56.04 | PL19 | -77.47681328 | 39.01531947 |

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 |
|---------|-----------------|-------------|----------|---|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| JC6023 | 2.816577 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 38.33 | PL19 | -77.49120091 | 39.0542069 |
| JC603 | 0.977825 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 13.86 | PL19 | -77.50663315 | 39.04297128 |
| JC6248 | 6.276704 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | COM_OTHER_NON_PUBLIC | 44.96 | PL42 | -77.55068922 | 38.92696094 |
| JC625 | 2.926897 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.43 | PL19 | -77.50231123 | 39.04045066 |
| JC6299 | 8.163637 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 64.03 | PL45 | -77.53428766 | 38.90970494 |
| JC6302 | 1.259087 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 73.55 | PL45 | -77.53753427 | 38.90746478 |
| JC6303 | 3.259091 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 81.16 | PL45 | -77.53538061 | 38.90667547 |
| JC6304 | 2.866181 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 80.03 | PL45 | -77.53348609 | 38.90682046 |
| JC644 | 23.214575 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.57 | PL19 | -77.50083426 | 39.04173772 |
| JC6484 | 30.552283 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 41.63 | PL45 | -77.51551214 | 38.90534617 |
| JC6485 | 3.743743 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 70.64 | PL45 | -77.51316324 | 38.90699794 |
| JC6488 | 32.056622 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 27.82 | PL45 | -77.51358475 | 38.90381921 |
| JC651 | 1.158753 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.90 | PL19 | -77.50290062 | 39.04355065 |
| JC6522 | 5.450309 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 71.35 | PL45 | -77.50359245 | 38.91152511 |
| JC6545 | 3.258784 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 73.88 | PL45 | -77.4993757 | 38.91173414 |
| JC6548 | 5.229934 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 58.59 | PL45 | -77.50316394 | 38.91318228 |
| JC6549 | 1.881497 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 48.76 | PL45 | -77.50127754 | 38.91093712 |
| JC6550 | 14.489251 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 78.12 | PL45 | -77.50145928 | 38.90994396 |
| JC657 | 3.216257 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 81.47 | PL19 | -77.50198825 | 39.04303366 |
| JC661 | 9.946107 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 77.13 | PL19 | -77.49956496 | 39.04035645 |
| JC6646 | 1.094964 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 50.78 | PL45 | -77.49692021 | 38.9068284 |
| JC6646 | 0.000068 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | | | PL45 | -77.49637078 | 38.90704841 |
| JC6669 | 1.025121 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 49.20 | PL45 | -77.50557834 | 38.90531738 |
| JC6671 | 41.379302 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 47.56 | PL45 | -77.50244022 | 38.90569322 |
| JC6673 | 5.355135 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 55.05 | PL45 | -77.49805164 | 38.9065349 |
| JC6674 | 0.131242 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 63.19 | PL45 | -77.49824806 | 38.90549396 |
| JC6675 | 1.104772 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 94.65 | PL45 | -77.49832539 | 38.90575634 |
| JC6677 | 2.686705 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 64.42 | PL45 | -77.49679916 | 38.9050916 |
| JC6720 | 2.547893 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 69.37 | PL45 | -77.48314369 | 38.90611469 |
| JC6823 | 3.805717 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 70.96 | PL45 | -77.49016586 | 38.90420044 |
| JC6825 | 14.179097 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 75.43 | PL45 | -77.4876482 | 38.90522288 |
| JC6829 | 2.010043 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 55.82 | PL45 | -77.48177387 | 38.90482529 |
| JC6830 | 21.538689 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 59.71 | PL45 | -77.48301543 | 38.90320757 |
| JC6831 | 11.288179 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 51.75 | PL45 | -77.48495063 | 38.90367205 |
| JC6832 | 9.702223 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 70.21 | PL45 | -77.48771003 | 38.90298369 |
| JC696 | 3.132580 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.11 | PL19 | -77.51236712 | 39.04511344 |
| JC699 | 4.555420 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.27 | PL19 | -77.51045354 | 39.04412283 |
| JC70047 | 0.267527 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | | | PL42 | -77.55858805 | 38.91261729 |
| JC701 | 1.398501 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.97 | PL19 | -77.51344733 | 39.04525669 |
| JC702 | 8.040351 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.27 | PL19 | -77.51484077 | 39.04444288 |
| JC722 | 26.515488 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 59.03 | PL19 | -77.51811578 | 39.04288714 |
| JC724 | 0.460110 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 19.31 | PL19 | -77.51516421 | 39.04385159 |
| JC728 | 3.979066 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 89.59 | PL19 | -77.51314426 | 39.04248644 |
| JC735 | 17.659889 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.71 | PL19 | -77.51383129 | 39.04288835 |
| JC75 | 12.515231 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 43.58 | PL45 | -77.52518956 | 38.91114323 |
| JC758 | 3.609397 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.50897595 | 39.04816121 |
| JC76 | 23.072846 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 42.49 | PL45 | -77.52619318 | 38.91032488 |
| JC763 | 6.052669 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.50895086 | 39.04701012 |
| JC765 | 18.141270 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 97.52 | PL19 | -77.50812389 | 39.04995629 |
| JC804 | 14.491216 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 99.24 | PL19 | -77.51038315 | 39.04911495 |
| JC807 | 3.678395 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.51094098 | 39.04698837 |
| JC836 | 5.439110 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 12.33 | PL19 | -77.51730101 | 39.0452437 |
| JC896 | 5.724509 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.39 | PL19 | -77.510253 | 39.04207044 |
| JC897 | 4.998658 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 75.23 | PL19 | -77.50756366 | 39.04207893 |
| JC921 | 11.876015 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 52.27 | PL19 | -77.50960408 | 39.04101547 |
| JC923 | 2.978847 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 58.49 | PL19 | -77.50940518 | 39.04014469 |
| JC937 | 1.431865 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 57.66 | PL19 | -77.51011494 | 39.03993891 |
| JC939 | 1.488172 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 79.04 | PL19 | -77.50696338 | 39.04090848 |
| JC943 | 3.777048 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 64.42 | PL19 | -77.50546271 | 39.04109066 |
| JC950 | 0.901312 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 63.73 | PL19 | -77.50442042 | 39.04091064 |

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 |
|---------|-----------------|-------------|----------|---|-------------------------------|--------------------|---------------------------|-------|--------------|-------------|
| JC958 | 3.469775 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 23.05 | PL19 | -77.50356017 | 39.04083967 |
| JC963 | 10.419615 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 13.48 | PL19 | -77.50402986 | 39.03655906 |
| JH1 | 1.183950 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 57.46 | PL19 | -77.51349765 | 39.05081083 |
| KD30009 | 2.670082 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 62.72 | PL17 | -77.58379605 | 38.95167457 |
| KD30012 | 2.793529 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 84.97 | PL17 | -77.60590048 | 38.95109179 |
| KD30013 | 4.331235 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 48.87 | PL17 | -77.60332898 | 38.9451775 |
| KD30015 | 4.570514 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 60.52 | PL42 | -77.60664466 | 38.94463275 |
| KD30018 | 8.619738 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 54.37 | PL17 | -77.58880959 | 38.94847987 |
| KD30019 | 6.383393 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 78.66 | PL17 | -77.58601897 | 38.94804378 |
| KS0122 | 6.353070 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 57.66 | PL16 | -77.49532504 | 39.0715132 |
| KS0134 | 2.669111 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | PUBLIC | 40.81 | PL17 | -77.54978266 | 38.93815546 |
| KS0137 | 1.805035 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 73.37 | PL19 | -77.44959855 | 39.01935144 |
| KS0139 | 0.962869 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_GOLF_COURSE | 3.06 | PL19 | -77.44913375 | 39.01915825 |
| KS0141 | 3.377106 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 80.12 | PL19 | -77.44905409 | 39.02020622 |
| KS0146 | 0.524641 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 0.28 | PL20 | -77.42213845 | 39.05319286 |
| KS0203 | 5.030057 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.12 | PL19 | -77.46561532 | 39.02733651 |
| KS0226 | 1.798543 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 77.30 | PL45 | -77.48674649 | 38.90766946 |
| KS0261 | 1.585461 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 20.43 | PL19 | -77.44088705 | 39.04918653 |
| KS0364 | 0.923368 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | MISC | 98.63 | PL42 | -77.56978973 | 38.89638428 |
| KS0365 | 1.058345 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | MISC | 98.91 | PL42 | -77.5697612 | 38.89673083 |
| KS0366 | 0.486525 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | MISC | 83.60 | PL42 | -77.56979199 | 38.89703789 |
| KT10099 | 13.125912 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFA | 50.51 | PL16 | -77.49062394 | 39.07869905 |
| KT10191 | 6.821384 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | MULTI_USE | 83.60 | PL17 | -77.50538931 | 38.99535704 |
| KT10197 | 2.075408 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | MULTI_USE | 55.97 | PL17 | -77.50615029 | 38.99473207 |
| KW102 | 4.099251 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 74.17 | PL45 | -77.53652487 | 38.907722 |
| KW109 | 1.091081 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 94.83 | PL20 | -77.48325049 | 39.08138284 |
| KW114 | 29.901182 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 32.20 | PL16 | -77.49684716 | 39.10509374 |
| KW12 | 2.089492 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 87.43 | PL20 | -77.40089488 | 39.04470708 |
| KW120 | 2.575591 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 76.30 | PL16 | -77.50223829 | 39.10604171 |
| KW131 | 1.409570 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 51.26 | PL19 | -77.42320558 | 39.00996813 |
| KW201 | 5.291086 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 73.11 | PL16 | -77.49839788 | 39.10256757 |
| KW264 | 15.448032 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 76.74 | PL19 | -77.52063668 | 39.00571436 |
| KW298 | 0.731615 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_RETAIL | 100.00 | PL18 | -77.43613462 | 38.97843512 |
| KW301 | 5.204800 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 76.04 | PL16 | -77.48980551 | 39.10159727 |
| KW351 | 4.877132 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 72.93 | PL19 | -77.42401041 | 39.01514305 |
| KW353 | 15.520285 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | PUBLIC | 20.77 | PL19 | -77.42919183 | 39.01013087 |
| KW363 | 0.237128 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 84.23 | PL19 | -77.49024754 | 39.03379683 |
| KW40 | 10.939734 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 51.30 | PL20 | -77.39019411 | 39.02554745 |
| KW406 | 11.141990 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 98.92 | PL17 | -77.55995025 | 38.93655694 |
| KW434 | 1.709578 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 80.57 | PL45 | -77.53196908 | 38.91173926 |
| KW438 | 1.873022 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 57.20 | PL45 | -77.5241227 | 38.90382241 |
| KW464 | 16.719137 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_CHURCH | 27.17 | PL19 | -77.48373976 | 39.06843727 |
| KW487 | 0.220428 | 20700080703 | Yes | Goose Creek (Benthic), Chesapeake Bay | Sycolin Creek | | | PL15 | -77.58841249 | 39.08547994 |
| KW494 | 0.507885 | 20700080703 | Yes | Goose Creek (Benthic), Chesapeake Bay | Sycolin Creek | MULTI_USE | 56.49 | PL15 | -77.58890089 | 39.0848102 |
| KW570 | 18.175021 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 43.01 | PL45 | -77.49489519 | 38.91234139 |
| KW88 | 2.854034 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 100.00 | PL21 | -77.37210593 | 39.02907695 |
| KX0006 | 8.409456 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 39.20 | PL17 | -77.50789616 | 38.97640066 |
| MD104 | 7.632634 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFA | 72.76 | PL20 | -77.4132619 | 39.03492232 |
| MD109 | 2.254863 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 77.04 | PL20 | -77.41283399 | 39.03350124 |
| MD114 | 4.368042 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 89.78 | PL20 | -77.41288509 | 39.03246132 |
| MD1246 | 0.454876 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 63.69 | PL19 | -77.42633982 | 39.04620391 |
| MD126 | 1.697577 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | VACANT_UNENTITLED | 88.65 | PL20 | -77.41316589 | 39.03132146 |
| MD1265 | 3.039116 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 72.63 | PL19 | -77.42639692 | 39.04753881 |
| MD1269 | 1.161734 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_CHURCH | 100.00 | PL19 | -77.42764761 | 39.04625206 |
| MD1281 | 7.773717 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.05 | PL19 | -77.42775726 | 39.047308 |
| MD130 | 68.938016 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 81.43 | PL20 | -77.40975881 | 39.02840738 |
| MD1334 | 1.593516 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 71.12 | PL19 | -77.42547756 | 39.0445452 |
| MD1344 | 5.696453 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 61.11 | PL19 | -77.42552342 | 39.04725174 |
| MD1353 | 0.784016 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 59.11 | PL19 | -77.4248674 | 39.04573882 |
| MD1355 | 1.831668 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 52.08 | PL19 | -77.42436392 | 39.0460562 |

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 |
|--------|-----------------|-------------|----------|----------------|-------------------------------|--------------------|---------------------------|-------|--------------|-------------|
| MD1360 | 2.874886 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 40.75 | PL19 | -77.42495609 | 39.04428376 |
| MD1366 | 13.450062 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 36.08 | PL19 | -77.42357933 | 39.04712737 |
| MD1435 | 0.556290 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.42321765 | 39.0451991 |
| MD1441 | 9.338992 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 36.17 | PL19 | -77.42114031 | 39.04642109 |
| MD1444 | 2.762268 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.42401341 | 39.04397465 |
| MD1452 | 0.081514 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 99.86 | PL19 | -77.42518897 | 39.04352648 |
| MD1550 | 106.033762 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 39.19 | PL19 | -77.41927364 | 39.04200458 |
| MD164 | 6.611766 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 68.12 | PL20 | -77.40891904 | 39.03261379 |
| MD1641 | 20.671643 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 55.75 | PL20 | -77.420682 | 39.04873803 |
| MD1667 | 19.487509 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 37.01 | PL18 | -77.44000737 | 38.98728871 |
| MD1678 | 1.958931 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 28.76 | PL18 | -77.44348632 | 38.9839924 |
| MD1684 | 0.229927 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.44405279 | 38.98329944 |
| MD1687 | 1.943789 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.44468523 | 38.98436149 |
| MD1689 | 1.097415 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.44441938 | 38.98475521 |
| MD1692 | 1.112213 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 39.13 | PL18 | -77.44423392 | 38.98500132 |
| MD1697 | 4.528241 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 70.63 | PL18 | -77.44363694 | 38.98543885 |
| MD1701 | 12.581505 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 81.84 | PL18 | -77.44594589 | 38.98790467 |
| MD1748 | 104.848607 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 56.96 | PL18 | -77.44204672 | 38.99105474 |
| MD1751 | 1.341613 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 91.78 | PL18 | -77.44428703 | 38.98726639 |
| MD178 | 6.287013 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_HOTEL | 43.28 | PL20 | -77.4100111 | 39.03227567 |
| MD1782 | 2.120724 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 99.73 | PL18 | -77.44493442 | 38.98640794 |
| MD1784 | 0.771348 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.44561637 | 38.98550034 |
| MD1910 | 1.428731 | 20700080902 | No | Chesapeake Bay | Horsepen Run | MULTI_USE | 32.62 | PL18 | -77.45182736 | 38.98675153 |
| MD1911 | 78.085456 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 45.31 | PL18 | -77.4494763 | 38.98925599 |
| MD1929 | 14.978096 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 97.57 | PL18 | -77.4479679 | 38.98469636 |
| MD1937 | 4.122614 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 17.89 | PL18 | -77.44943584 | 38.9845283 |
| MD1960 | 1.285623 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 99.89 | PL18 | -77.44345839 | 38.98356055 |
| MD1965 | 0.571430 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.44762977 | 38.98145049 |
| MD1971 | 7.419602 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 89.95 | PL18 | -77.44663007 | 38.98077212 |
| MD1987 | 4.618544 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 99.96 | PL18 | -77.44945944 | 38.98060392 |
| MD1993 | 5.251525 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 89.05 | PL18 | -77.44875778 | 38.98001519 |
| MD200 | 1.621053 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 100.00 | PL20 | -77.41353391 | 39.02919813 |
| MD2001 | 14.205961 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 87.26 | PL18 | -77.44717162 | 38.9789922 |
| MD2036 | 3.959840 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 99.09 | PL18 | -77.44505809 | 38.97900981 |
| MD204 | 0.432473 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | VACANT_UNENTITLED | 4.74 | PL20 | -77.41255613 | 39.02945224 |
| MD206 | 2.737056 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 75.11 | PL20 | -77.41246589 | 39.0283466 |
| MD2064 | 0.317952 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 14.01 | PL18 | -77.44578647 | 38.98206007 |
| MD2079 | 4.503469 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 57.73 | PL18 | -77.44271211 | 38.98116823 |
| MD2095 | 11.222144 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 94.31 | PL18 | -77.44116454 | 38.98039293 |
| MD2103 | 0.540638 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 26.04 | PL18 | -77.4389691 | 38.9799077 |
| MD218 | 1.795463 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 100.00 | PL20 | -77.41397777 | 39.02888198 |
| MD222 | 1.948401 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 99.89 | PL20 | -77.41369433 | 39.02839914 |
| MD2242 | 3.329528 | 20700080902 | No | Chesapeake Bay | Horsepen Run | MISC | 85.22 | PL18 | -77.43902209 | 38.97876739 |
| MD225 | 0.974567 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 100.00 | PL20 | -77.41388349 | 39.02805565 |
| MD2255 | 3.448489 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 100.00 | PL18 | -77.43777319 | 38.9801475 |
| MD2264 | 3.014648 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 100.00 | PL18 | -77.43857488 | 38.98126774 |
| MD2276 | 2.723669 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 50.66 | PL18 | -77.43914216 | 38.9818372 |
| MD2278 | 0.421046 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.44001708 | 38.98215203 |
| MD2280 | 0.451436 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.44002585 | 38.98180825 |
| MD2282 | 1.073037 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.4395107 | 38.9824507 |
| MD2301 | 2.263719 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 92.55 | PL18 | -77.4376828 | 38.98318875 |
| MD2306 | 4.397513 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 98.72 | PL18 | -77.43682293 | 38.9823335 |
| MD231 | 1.873026 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 100.00 | PL20 | -77.41404942 | 39.02772408 |
| MD232 | 54.950717 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 43.39 | PL20 | -77.41211692 | 39.02531363 |
| MD2323 | 3.678803 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 85.45 | PL18 | -77.43830791 | 38.98251559 |
| MD2344 | 15.125270 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 90.76 | PL18 | -77.4363026 | 38.98069661 |
| MD2365 | 11.048130 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 71.78 | PL18 | -77.434349 | 38.98282162 |
| MD25 | 2.920342 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 54.92 | PL19 | -77.41903242 | 39.02997677 |
| MD2511 | 0.308840 | 20700080902 | No | Chesapeake Bay | Horsepen Run | HOA | 1.35 | PL18 | -77.43566129 | 38.98332619 |
| MD2524 | 4.463671 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 100.00 | PL18 | -77.43336233 | 38.98292865 |

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 |
|--------|-----------------|-------------|----------|----------------|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| MD2533 | 0.673904 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 100.00 | PL18 | -77.4337037 | 38.98172799 |
| MD2536 | 2.643379 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 81.52 | PL18 | -77.4321427 | 38.9823921 |
| MD2537 | 2.126645 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_HOTEL | 69.53 | PL18 | -77.43385097 | 38.98100669 |
| MD2540 | 0.210365 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_RETAIL | 8.61 | PL18 | -77.4333371 | 38.98152231 |
| MD2572 | 4.712174 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 90.45 | PL18 | -77.43008476 | 38.98202099 |
| MD2585 | 5.758903 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 100.00 | PL18 | -77.43112057 | 38.98249767 |
| MD2588 | 1.206631 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 54.50 | PL18 | -77.43216357 | 38.98352907 |
| MD2589 | 1.077424 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 14.79 | PL18 | -77.4309807 | 38.98460581 |
| MD2593 | 1.284001 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 53.17 | PL18 | -77.4323405 | 38.98433085 |
| MD2595 | 1.560276 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 93.21 | PL18 | -77.4311455 | 38.98498348 |
| MD2612 | 4.002715 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 92.87 | PL18 | -77.43154886 | 38.98560782 |
| MD2622 | 28.087887 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 68.39 | PL18 | -77.44157047 | 38.97843191 |
| MD2626 | 8.949353 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 54.81 | PL18 | -77.43130494 | 38.98614969 |
| MD2631 | 2.407405 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 93.94 | PL18 | -77.43206473 | 38.98721527 |
| MD2647 | 1.129829 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_RETAIL | 65.28 | PL18 | -77.43553335 | 38.9783232 |
| MD2649 | 1.329225 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_RETAIL | 87.83 | PL18 | -77.43505569 | 38.97844189 |
| MD2650 | 40.444155 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 21.33 | PL18 | -77.42943622 | 38.97982253 |
| MD2652 | 4.246011 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 67.99 | PL18 | -77.43352117 | 38.97837743 |
| MD2663 | 2.761104 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_HOTEL | 92.64 | PL18 | -77.43197174 | 38.97793055 |
| MD2671 | 0.661454 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_HOTEL | 100.00 | PL18 | -77.4311361 | 38.9775359 |
| MD2689 | 5.378748 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 58.93 | PL18 | -77.4335809 | 38.97748085 |
| MD2708 | 1.357119 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 99.82 | PL19 | -77.4515756 | 38.99166382 |
| MD2788 | 3.022221 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.45024726 | 38.99445004 |
| MD2789 | 3.076018 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 99.76 | PL19 | -77.4499283 | 38.99342911 |
| MD2813 | 15.765731 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 74.06 | PL19 | -77.45214789 | 38.99416201 |
| MD2831 | 8.343042 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 55.26 | PL19 | -77.45302583 | 38.99625398 |
| MD2833 | 1.591637 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.45426318 | 38.99758434 |
| MD2838 | 4.338157 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 99.75 | PL19 | -77.45364082 | 38.99783575 |
| MD2839 | 6.405308 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.45486721 | 38.99915951 |
| MD2883 | 2.079485 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 31.06 | PL19 | -77.45272956 | 39.00110258 |
| MD2884 | 30.592097 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 35.52 | PL19 | -77.45165485 | 38.99922759 |
| MD2891 | 58.897125 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 53.98 | PL19 | -77.45601206 | 38.99722313 |
| MD2905 | 0.645659 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 32.91 | PL19 | -77.45429198 | 39.00108589 |
| MD2910 | 0.635972 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 32.94 | PL19 | -77.45530386 | 39.00107627 |
| MD2916 | 1.209889 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 37.75 | PL19 | -77.45740901 | 39.00093071 |
| MD2918 | 6.977914 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.45431253 | 39.00041609 |
| MD2925 | 0.573470 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.45712301 | 38.99950843 |
| MD2928 | 1.512167 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.45725273 | 38.99999877 |
| MD2930 | 2.085889 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 99.44 | PL19 | -77.4573934 | 38.99877524 |
| MD2945 | 0.973514 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.45726771 | 39.00055286 |
| MD2959 | 6.374760 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 73.32 | PL19 | -77.45824529 | 38.99980758 |
| MD2961 | 0.492590 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 1.95 | PL19 | -77.4581029 | 38.99689905 |
| MD2966 | 2.861305 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 74.28 | PL19 | -77.4494741 | 39.00052452 |
| MD2972 | 0.524768 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 19.61 | PL19 | -77.4498934 | 39.00145982 |
| MD2981 | 1.322040 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 52.68 | PL19 | -77.4492174 | 39.00138752 |
| MD2982 | 14.417770 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 79.06 | PL19 | -77.44829025 | 39.00310937 |
| MD2984 | 4.070612 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 95.76 | PL19 | -77.44673115 | 39.00139584 |
| MD3003 | 1.794609 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 63.24 | PL19 | -77.44564598 | 39.00081316 |
| MD3098 | 1.186676 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 100.00 | PL19 | -77.44553775 | 39.00534076 |
| MD3099 | 11.658487 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 65.45 | PL19 | -77.44574182 | 39.00303896 |
| MD3102 | 1.057895 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 22.87 | PL19 | -77.44350054 | 39.00543105 |
| MD3103 | 11.348248 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 92.17 | PL19 | -77.44714531 | 39.0049108 |
| MD3104 | 2.278719 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 91.72 | PL19 | -77.4469516 | 39.0063251 |
| MD3109 | 1.452164 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 32.77 | PL19 | -77.44654598 | 39.00727367 |
| MD3128 | 2.465393 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 26.11 | PL19 | -77.44770404 | 39.00632469 |
| MD3164 | 1.260012 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 43.09 | PL19 | -77.44463705 | 39.00436492 |
| MD3166 | 6.206542 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 98.90 | PL19 | -77.44181044 | 39.00515747 |
| MD3190 | 2.901420 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.44208997 | 39.00445844 |
| MD3223 | 2.970101 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 100.00 | PL19 | -77.44369223 | 39.00329506 |
| MD3228 | 8.486660 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 99.97 | PL19 | -77.44396659 | 39.00213964 |

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 |
|--------|-----------------|-------------|----------|---|---------------------------|--------------------|---------------------------|-------|--------------|-------------|
| MD3230 | 4.792554 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 97.70 | PL19 | -77.44324267 | 39.0012967 |
| MD3261 | 3.206234 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 100.00 | PL19 | -77.44451035 | 39.00370019 |
| MD3262 | 1.236798 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 5.81 | PL19 | -77.44385457 | 39.00047216 |
| MD3268 | 23.102467 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 83.77 | PL19 | -77.44338411 | 38.99709934 |
| MD3273 | 2.767958 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 42.57 | PL19 | -77.44320738 | 38.99910519 |
| MD3332 | 6.337439 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 53.33 | PL19 | -77.44601222 | 38.99816921 |
| MD3337 | 1.183338 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 73.47 | PL19 | -77.44718633 | 38.99896852 |
| MD3339 | 1.325842 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 72.48 | PL19 | -77.44670759 | 38.99955352 |
| MD3344 | 1.878444 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 72.75 | PL19 | -77.44854121 | 38.99946307 |
| MD3353 | 0.246424 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 100.00 | PL19 | -77.44657064 | 38.99757735 |
| MD3374 | 2.885947 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 99.99 | PL19 | -77.44382536 | 38.99459969 |
| MD3375 | 3.715128 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.4445608 | 38.99432539 |
| MD3405 | 0.376297 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 14.95 | PL19 | -77.4408747 | 38.99764939 |
| MD3407 | 2.568072 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 92.86 | PL19 | -77.43877689 | 38.99741959 |
| MD3409 | 0.234438 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.43896874 | 38.99807535 |
| MD3416 | 9.920331 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 71.23 | PL19 | -77.43592249 | 38.99878675 |
| MD3420 | 3.464872 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 85.22 | PL19 | -77.44775318 | 38.99534397 |
| MD3424 | 0.129152 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.45006501 | 38.99652788 |
| MD3425 | 8.150930 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 83.86 | PL19 | -77.45106372 | 38.99603106 |
| MD3428 | 0.605099 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 34.61 | PL19 | -77.45052161 | 38.99691488 |
| MD3430 | 16.682287 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 79.49 | PL19 | -77.44657667 | 38.993643 |
| MD3438 | 2.467703 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 35.82 | PL19 | -77.44959599 | 38.9924855 |
| MD3517 | 1.577626 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.43757294 | 39.01161998 |
| MD3527 | 20.939328 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 79.56 | PL19 | -77.43756509 | 39.01025149 |
| MD3550 | 3.356354 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.43618161 | 39.0107667 |
| MD3562 | 6.881226 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 99.23 | PL19 | -77.43487322 | 39.01120766 |
| MD3567 | 1.275018 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.43683418 | 39.01253127 |
| MD3675 | 157.378590 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 41.53 | PL19 | -77.4352023 | 39.00600773 |
| MD3771 | 26.643994 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 55.05 | PL45 | -77.50468618 | 38.90295227 |
| MD3791 | 1.261496 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 66.09 | PL45 | -77.50613432 | 38.90529747 |
| MD3797 | 0.407582 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 18.13 | PL45 | -77.50614297 | 38.9060897 |
| MD3804 | 2.258440 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 58.19 | PL45 | -77.5068603 | 38.90725962 |
| MD3811 | 1.853018 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 63.96 | PL45 | -77.50659133 | 38.90793418 |
| MD3814 | 1.724217 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 90.17 | PL45 | -77.50695668 | 38.90847498 |
| MD3816 | 0.213557 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 27.59 | PL45 | -77.50621222 | 38.90876691 |
| MD3817 | 3.746287 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 79.10 | PL45 | -77.50708062 | 38.90915848 |
| MD3827 | 0.251421 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 30.40 | PL45 | -77.50601537 | 38.90979084 |
| MD3828 | 5.018025 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 63.19 | PL45 | -77.50454345 | 38.90991967 |
| MD3834 | 3.061205 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 68.39 | PL45 | -77.50463288 | 38.90874782 |
| MD3843 | 1.389894 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 65.45 | PL45 | -77.50483759 | 38.9109215 |
| MD3866 | 2.704981 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 76.18 | PL45 | -77.50716021 | 38.91013622 |
| MD3872 | 1.162884 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 51.13 | PL45 | -77.50683963 | 38.91074844 |
| MD3873 | 3.589936 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 81.57 | PL45 | -77.50718308 | 38.91125724 |
| MD3880 | 1.712483 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 80.62 | PL45 | -77.50671574 | 38.91201119 |
| MD3890 | 3.580719 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 64.70 | PL45 | -77.50705359 | 38.91260376 |
| MD3892 | 0.180426 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 23.77 | PL45 | -77.50594054 | 38.91276888 |
| MD3893 | 7.257461 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 61.43 | PL45 | -77.50686826 | 38.91372224 |
| MD3907 | 2.519649 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 29.23 | PL45 | -77.50672781 | 38.91474782 |
| MD3931 | 12.847573 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 68.40 | PL45 | -77.50669193 | 38.91674314 |
| MD3960 | 0.153517 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OFFICE_GENERAL | 24.96 | PL45 | -77.50633332 | 38.9201084 |
| MD3961 | 2.553556 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 66.41 | PL45 | -77.50655954 | 38.91934195 |
| MD4000 | 7.581098 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 33.32 | PL45 | -77.50744758 | 38.91978523 |
| MD4005 | 4.700963 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 44.16 | PL45 | -77.5051805 | 38.91921017 |
| MD4015 | 8.010745 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 48.30 | PL45 | -77.50521631 | 38.91754928 |
| MD4035 | 3.812314 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 34.12 | PL45 | -77.50863227 | 38.91542665 |
| MD4036 | 3.825285 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 79.67 | PL45 | -77.50892846 | 38.9162426 |
| MD4061 | 3.226498 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 19.13 | PL45 | -77.50854311 | 38.918677 |
| MD4062 | 8.170800 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 78.47 | PL45 | -77.50824173 | 38.91734062 |
| MD4074 | 0.894253 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 5.73 | PL45 | -77.51031172 | 38.91688763 |
| MD4087 | 3.832310 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 66.96 | PL45 | -77.50793655 | 38.90779989 |

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 |
|--------|-----------------|-------------|----------|---|-------------------------------|--------------------|---------------------------|-------|--------------|-------------|
| MD4116 | 3.596161 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 54.27 | PL45 | -77.50884985 | 38.91257436 |
| MD4119 | 2.212382 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 60.40 | PL45 | -77.50866843 | 38.91162284 |
| MD4128 | 3.938376 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 80.31 | PL45 | -77.5091033 | 38.91070776 |
| MD4140 | 7.190671 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 37.17 | PL45 | -77.49588429 | 38.91954927 |
| MD4152 | 11.199359 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 69.01 | PL45 | -77.50884981 | 38.90930088 |
| MD4161 | 2.817593 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 43.36 | PL45 | -77.51171369 | 38.91068512 |
| MD4166 | 0.914035 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 59.11 | PL45 | -77.51138989 | 38.91098361 |
| MD4173 | 1.253038 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 53.73 | PL45 | -77.5124675 | 38.91055685 |
| MD4179 | 1.001155 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 60.25 | PL45 | -77.51348575 | 38.91074831 |
| MD4228 | 35.407439 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 31.09 | PL45 | -77.51418281 | 38.91286003 |
| MD4229 | 0.212733 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | MULTI_USE | 18.66 | PL45 | -77.51479546 | 38.90976003 |
| MD4303 | 1.880765 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 24.68 | PL45 | -77.51174407 | 38.9133541 |
| MD4307 | 0.171933 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 0.73 | PL45 | -77.51037094 | 38.91317994 |
| MD4310 | 10.069587 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 54.52 | PL45 | -77.50890461 | 38.91392131 |
| MD433 | 1.352649 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | | | PL20 | -77.40626406 | 39.03277488 |
| MD435 | 9.651784 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 37.78 | PL20 | -77.40730858 | 39.03238484 |
| MD4363 | 6.189110 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 81.28 | PL45 | -77.50240103 | 38.89228426 |
| MD4383 | 5.524741 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 76.87 | PL45 | -77.50253738 | 38.89467511 |
| MD4404 | 9.274233 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 74.04 | PL45 | -77.50257496 | 38.89600999 |
| MD4427 | 9.371426 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 71.39 | PL45 | -77.50287926 | 38.89777307 |
| MD444 | 0.802991 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 2.73 | PL20 | -77.40881878 | 39.03426477 |
| MD445 | 1.293926 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 42.93 | PL20 | -77.41130937 | 39.03567146 |
| MD4484 | 17.825140 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 25.03 | PL45 | -77.52293852 | 38.91139513 |
| MD450 | 0.415188 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | | | PL20 | -77.41171855 | 39.0354049 |
| MD451 | 2.514953 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFA | 42.85 | PL20 | -77.41377562 | 39.03632806 |
| MD479 | 0.110608 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.42453707 | 39.04223303 |
| MD486 | 0.422933 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.42602328 | 39.04297739 |
| MD491 | 0.069430 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.42957779 | 39.04461647 |
| MD497 | 0.134563 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.43083052 | 39.04382367 |
| MD500 | 0.107148 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.43077148 | 39.04421134 |
| MD501 | 1.040042 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.42807921 | 39.04397835 |
| MD507 | 1.176761 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.4312517 | 39.03670875 |
| MD508 | 25.180819 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 49.34 | PL19 | -77.42993128 | 39.03591543 |
| MD512 | 1.262575 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.43127308 | 39.03265729 |
| MD515 | 2.390024 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.43028454 | 39.02906714 |
| MD524 | 3.746953 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 65.01 | PL20 | -77.40373209 | 39.04631546 |
| MD529 | 2.638143 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 61.48 | PL20 | -77.40413784 | 39.04700489 |
| MD537 | 9.468264 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 73.57 | PL20 | -77.4061845 | 39.04650758 |
| MD543 | 14.823757 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 67.29 | PL20 | -77.40948676 | 39.04693489 |
| MD572 | 24.155700 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 71.55 | PL20 | -77.40681721 | 39.04512381 |
| MD611 | 3.968745 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 43.98 | PL20 | -77.40582696 | 39.04028736 |
| MD62 | 3.522276 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 55.36 | PL20 | -77.41427049 | 39.03202225 |
| MD624 | 15.720709 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 57.69 | PL20 | -77.40648502 | 39.04199411 |
| MD631 | 2.004518 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 65.71 | PL20 | -77.40387107 | 39.04302817 |
| MD642 | 1.777967 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 74.51 | PL20 | -77.41808448 | 39.05403944 |
| MD654 | 3.265052 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 56.22 | PL20 | -77.41962957 | 39.05252395 |
| MD660 | 5.146688 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 46.47 | PL20 | -77.41822412 | 39.05277422 |
| MD671 | 11.041791 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 66.94 | PL20 | -77.42070976 | 39.05125984 |
| MD685 | 7.730644 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 68.81 | PL20 | -77.42208439 | 39.05106734 |
| MD765 | 1.640131 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 64.88 | PL20 | -77.421541 | 39.05314715 |
| MD769 | 1.560774 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 73.42 | PL20 | -77.42110252 | 39.05430156 |
| MD770 | 9.926009 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 55.66 | PL20 | -77.42265536 | 39.0556201 |
| MD789 | 0.445674 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 28.22 | PL20 | -77.42233146 | 39.05426975 |
| MD790 | 65.582869 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 54.10 | PL20 | -77.42452133 | 39.05168636 |
| MD795 | 4.625601 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 80.11 | PL20 | -77.4201888 | 39.05547366 |
| MD840 | 34.706462 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 76.77 | PL20 | -77.4288344 | 39.05597142 |
| MD855 | 2.424151 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 71.71 | PL20 | -77.42047002 | 39.05607399 |
| MD866 | 2.301241 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 84.98 | PL20 | -77.42223721 | 39.05733482 |
| MD877 | 8.244681 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 71.72 | PL20 | -77.42063939 | 39.05672579 |
| MD883 | 2.038636 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 72.07 | PL20 | -77.41918687 | 39.05699825 |

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 |
|--------|-----------------|-------------|----------|--|-------------------------------|--------------------|---------------------------|-------|--------------|-------------|
| MD886 | 4.649552 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 40.01 | PL20 | -77.41969771 | 39.05794977 |
| MD890 | 5.731196 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 77.99 | PL20 | -77.41671993 | 39.05729237 |
| MD900 | 3.922496 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 76.08 | PL20 | -77.41703871 | 39.05590044 |
| MD909 | 7.066143 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 39.26 | PL20 | -77.41565955 | 39.05572495 |
| ME1008 | 0.392900 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 46.24 | PL19 | -77.40385099 | 38.99112572 |
| ME1022 | 1.003554 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 61.26 | PL19 | -77.40451699 | 38.9914489 |
| ME1025 | 1.450468 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.04 | PL19 | -77.40578441 | 38.99143135 |
| ME1032 | 10.077087 | 20700080902 | No | Chesapeake Bay | Horsepen Run | RES_SFD | 52.43 | PL18 | -77.40423291 | 38.98678816 |
| ME1039 | 1.323363 | 20700080902 | No | Chesapeake Bay | Horsepen Run | RES_SFD | 61.32 | PL18 | -77.40604536 | 38.98734687 |
| ME1053 | 7.386860 | 20700080902 | No | Chesapeake Bay | Horsepen Run | RES_SFD | 62.58 | PL18 | -77.40578434 | 38.98814379 |
| ME1056 | 33.315280 | 20700080902 | No | Chesapeake Bay | Horsepen Run | RES_SFD | 55.71 | PL18 | -77.40394826 | 38.98935695 |
| ME1064 | 0.246304 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 35.10 | PL19 | -77.40620839 | 38.99287778 |
| ME1065 | 7.682811 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 46.10 | PL19 | -77.40669463 | 38.99133802 |
| ME1072 | 1.737331 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 60.92 | PL19 | -77.40647513 | 38.99382789 |
| ME1074 | 2.367894 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 58.18 | PL19 | -77.40529846 | 38.9927487 |
| ME1089 | 6.605837 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 76.95 | PL19 | -77.40734408 | 38.9944805 |
| ME1095 | 2.790443 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 60.67 | PL19 | -77.40896858 | 38.99475904 |
| ME1100 | 5.875013 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 48.65 | PL19 | -77.41066601 | 38.9951232 |
| ME1108 | 10.804570 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 32.08 | PL19 | -77.41189313 | 38.99636099 |
| ME1129 | 1.221593 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.29 | PL19 | -77.4123599 | 38.99511599 |
| ME1131 | 1.745377 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 28.57 | PL19 | -77.41019008 | 38.99760795 |
| ME126 | 23.259909 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 72.30 | PL21 | -77.3602822 | 39.03734106 |
| ME134 | 4.199059 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 67.63 | PL21 | -77.37639044 | 39.0304145 |
| ME142 | 2.537131 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | HOA | 31.06 | PL21 | -77.37542761 | 39.03063073 |
| ME1464 | 3.300032 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_RETAIL | 70.08 | PL18 | -77.41009781 | 38.97636247 |
| ME1486 | 28.143981 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 84.22 | PL18 | -77.41196885 | 38.9794868 |
| ME15 | 0.442814 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 94.90 | PL21 | -77.34124499 | 39.04582329 |
| ME1547 | 20.521528 | 20700080902 | No | Chesapeake Bay | Horsepen Run | PUBLIC | 0.00 | PL18 | -77.40856308 | 38.97283167 |
| ME155 | 1.340400 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 67.41 | PL21 | -77.37524284 | 39.02981838 |
| ME1555 | 2.513234 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 31.97 | PL18 | -77.4145971 | 38.97788879 |
| ME159 | 0.429577 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 92.11 | PL21 | -77.37576834 | 39.02841129 |
| ME161 | 0.835151 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 83.60 | PL21 | -77.37577377 | 39.02805111 |
| ME1626 | 23.864970 | 20700080902 | No | Chesapeake Bay | Horsepen Run | MULTI_USE | 58.34 | PL18 | -77.41805005 | 38.98372055 |
| ME1639 | 8.470900 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 89.50 | PL18 | -77.42440744 | 38.98692294 |
| ME1648 | 8.548693 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 87.55 | PL18 | -77.42606625 | 38.98805724 |
| ME1650 | 4.697558 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 52.81 | PL18 | -77.42464925 | 38.9885704 |
| ME1666 | 7.473975 | 20700080902 | No | Chesapeake Bay | Horsepen Run | MISC | 72.74 | PL18 | -77.41805821 | 38.97737942 |
| ME1667 | 4.229862 | 20700080902 | No | Chesapeake Bay | Horsepen Run | MISC | 64.85 | PL18 | -77.41963956 | 38.97731707 |
| ME1670 | 1.084879 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 59.10 | PL18 | -77.41288439 | 38.97774115 |
| ME1681 | 0.201185 | 20700080902 | No | Chesapeake Bay | Horsepen Run | | | PL18 | -77.41015411 | 38.97697575 |
| ME1715 | 4.724986 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_HOTEL | 96.34 | PL18 | -77.42871795 | 38.98455814 |
| ME177 | 130.558473 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 53.63 | PL21 | -77.38212694 | 39.02462623 |
| ME1774 | 129.291893 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 52.02 | PL18 | -77.42163109 | 38.98121463 |
| ME1801 | 7.321694 | 20700080902 | No | Chesapeake Bay | Horsepen Run | MISC | 75.51 | PL18 | -77.42401771 | 38.97771601 |
| ME1804 | 2.125055 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_HOTEL | 94.54 | PL18 | -77.42656482 | 38.97814672 |
| ME1819 | 7.346578 | 20700080902 | No | Chesapeake Bay | Horsepen Run | VACANT_UNENTITLED | 47.44 | PL18 | -77.42623403 | 38.97725203 |
| ME1929 | 2.785400 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.87 | PL19 | -77.40524325 | 39.00345687 |
| ME2118 | 5.634778 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 68.21 | PL21 | -77.39213177 | 39.01657272 |
| ME2122 | 1.476936 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 97.56 | PL21 | -77.39138989 | 39.01759523 |
| ME2126 | 1.703795 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 67.47 | PL21 | -77.39091945 | 39.01747621 |
| ME2129 | 1.202727 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 82.80 | PL21 | -77.39064168 | 39.01704015 |
| ME2130 | 2.358882 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 74.78 | PL21 | -77.39001314 | 39.01706956 |
| ME2131 | 0.385886 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | | | PL21 | -77.38971187 | 39.01675764 |
| ME2152 | 5.639556 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 82.09 | PL21 | -77.38916008 | 39.02004703 |
| ME2153 | 3.538781 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 74.09 | PL21 | -77.39065833 | 39.01958236 |
| ME2154 | 3.767716 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 79.72 | PL21 | -77.38881562 | 39.01912767 |
| ME2159 | 7.888901 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 74.57 | PL21 | -77.387695 | 39.01951376 |
| ME2174 | 1.667996 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 73.04 | PL21 | -77.39012997 | 39.02030094 |
| ME2176 | 0.780535 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 72.36 | PL21 | -77.38969663 | 39.0207442 |
| ME2178 | 2.631632 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 63.53 | PL21 | -77.38859784 | 39.02183442 |

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 |
|--------|-----------------|-------------|----------|--|-------------------------------|--------------------|---------------------------|-------|--------------|-------------|
| ME2184 | 21.859927 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | GQ | 35.93 | PL21 | -77.39041157 | 39.02317076 |
| ME2185 | 0.669924 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_MFA | 56.91 | PL21 | -77.3913428 | 39.02161542 |
| ME2290 | 5.840117 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 99.97 | PL19 | -77.40297455 | 39.00891051 |
| ME2318 | 52.277829 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 99.77 | PL19 | -77.40078826 | 39.0151847 |
| ME2322 | 1.493153 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.04 | PL19 | -77.41241376 | 39.01009369 |
| ME2325 | 2.003716 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 75.11 | PL19 | -77.41316019 | 39.00935945 |
| ME2332 | 7.756632 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.99 | PL19 | -77.41383765 | 39.01050013 |
| ME2336 | 1.887681 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.43 | PL19 | -77.41477787 | 39.00965534 |
| ME2345 | 25.233254 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 50.74 | PL19 | -77.41401357 | 39.01220925 |
| ME2370 | 3.114736 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.40244911 | 39.01666751 |
| ME2374 | 1.050333 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.40518393 | 39.01488139 |
| ME2393 | 1.637488 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.40681528 | 39.01430259 |
| ME2394 | 8.359419 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.40560047 | 39.01383445 |
| ME2410 | 2.010351 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.40737314 | 39.01220076 |
| ME2413 | 1.866045 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.40675438 | 39.01178494 |
| ME2415 | 3.043681 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.41028907 | 39.01308249 |
| ME2420 | 1.012412 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.41021013 | 39.01365017 |
| ME2479 | 2.145740 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.28 | PL19 | -77.41424213 | 39.00823392 |
| ME2482 | 1.146026 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 75.04 | PL19 | -77.4148541 | 39.0088379 |
| ME2484 | 0.496392 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.78 | PL19 | -77.41537699 | 39.00883049 |
| ME2495 | 2.368269 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 86.65 | PL19 | -77.41704973 | 39.00890694 |
| ME2500 | 0.147182 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 98.28 | PL19 | -77.41690121 | 39.00834944 |
| ME2507 | 0.285103 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 18.61 | PL19 | -77.41558622 | 39.00739726 |
| ME2526 | 2.430931 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 22.95 | PL19 | -77.41592849 | 39.01142175 |
| ME2578 | 0.135774 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.41284193 | 39.01533095 |
| ME2621 | 7.499473 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 26.59 | PL19 | -77.40586664 | 39.02227371 |
| ME2726 | 33.383669 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 48.12 | PL20 | -77.40047574 | 39.02460644 |
| ME2731 | 2.083856 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 100.00 | PL20 | -77.40100202 | 39.02744696 |
| ME2741 | 11.113978 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 100.00 | PL20 | -77.39824918 | 39.02608994 |
| ME2767 | 0.530377 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 100.00 | PL20 | -77.39719551 | 39.02720968 |
| ME2870 | 0.448351 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 0.00 | PL20 | -77.3986336 | 39.02838805 |
| ME2871 | 0.217168 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | | | PL20 | -77.400541 | 39.02832769 |
| ME2940 | 0.971913 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 0.35 | PL20 | -77.40441474 | 39.03146121 |
| ME2999 | 1.912717 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_MEDICAL | 19.70 | PL20 | -77.39204409 | 39.02497436 |
| ME3012 | 0.826865 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_HOTEL | 6.49 | PL20 | -77.39828975 | 39.02881942 |
| ME3028 | 4.443953 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | | | PL20 | -77.40223953 | 39.03159346 |
| ME3033 | 15.580790 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 2.79 | PL20 | -77.4022428 | 39.02936525 |
| ME3035 | 1.260156 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | | | PL20 | -77.40450867 | 39.03189708 |
| ME3038 | 2.147154 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 7.15 | PL20 | -77.4030946 | 39.03249173 |
| ME3057 | 5.764275 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 0.04 | PL20 | -77.40043694 | 39.0306747 |
| ME3064 | 5.948538 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 37.71 | PL20 | -77.40054491 | 39.03429483 |
| ME3078 | 0.951750 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 12.70 | PL20 | -77.40678034 | 39.03329228 |
| ME3235 | 4.540186 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.93 | PL19 | -77.44095234 | 39.06754928 |
| ME3534 | 1.174803 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.43 | PL19 | -77.48452417 | 39.03695134 |
| ME3546 | 3.532457 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 56.79 | PL19 | -77.48302688 | 39.03820715 |
| ME3554 | 9.254962 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 58.35 | PL19 | -77.48174876 | 39.03780212 |
| ME3559 | 2.645860 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 58.37 | PL19 | -77.48223246 | 39.03641149 |
| ME3567 | 3.382095 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 49.51 | PL19 | -77.48176395 | 39.03586637 |
| ME3575 | 1.723109 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 55.86 | PL19 | -77.48215442 | 39.03919804 |
| ME3579 | 1.396075 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 49.69 | PL19 | -77.481165 | 39.03936308 |
| ME3658 | 19.329123 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 46.14 | PL19 | -77.48039474 | 39.03517029 |
| ME3687 | 2.361004 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 49.25 | PL19 | -77.48201946 | 39.03507719 |
| ME3693 | 1.299080 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 48.96 | PL19 | -77.48194882 | 39.03442614 |
| ME3697 | 1.193459 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 72.37 | PL19 | -77.48016976 | 39.0331218 |
| ME3699 | 2.950049 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 60.52 | PL19 | -77.47920099 | 39.03366369 |
| ME37 | 6.435189 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 55.74 | PL21 | -77.36523942 | 39.02082842 |
| ME3743 | 19.393321 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 65.91 | PL19 | -77.47807988 | 39.03499465 |
| ME3760 | 5.645099 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 36.87 | PL19 | -77.47641344 | 39.03433606 |
| ME3762 | 1.444006 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 64.44 | PL19 | -77.47712364 | 39.03305443 |
| ME3784 | 1.251933 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 61.41 | PL19 | -77.48418231 | 39.03337906 |

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 |
|--------|-----------------|-------------|----------|--|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| ME3787 | 0.901096 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.47 | PL19 | -77.48389331 | 39.03276321 |
| ME3794 | 1.010692 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 49.80 | PL19 | -77.48409006 | 39.03208459 |
| ME3795 | 28.533621 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 27.45 | PL19 | -77.48484666 | 39.03015515 |
| ME3833 | 4.399942 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.74 | PL19 | -77.48244154 | 39.03082896 |
| ME3837 | 5.158431 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 57.05 | PL19 | -77.48121912 | 39.03052903 |
| ME3852 | 8.326586 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.66 | PL19 | -77.47971453 | 39.03045199 |
| ME3854 | 1.383991 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.08 | PL19 | -77.47904708 | 39.02902288 |
| ME3859 | 2.627996 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 95.41 | PL19 | -77.47721088 | 39.03056665 |
| ME3865 | 3.636944 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 52.31 | PL19 | -77.47812345 | 39.02950955 |
| ME387 | 0.266895 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | MULTI_USE | 57.53 | PL21 | -77.3829063 | 39.02118499 |
| ME3873 | 2.449493 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 53.82 | PL19 | -77.47686527 | 39.02963116 |
| ME388 | 6.994200 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 37.73 | PL21 | -77.38205578 | 39.02142198 |
| ME3882 | 2.595760 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 37.86 | PL19 | -77.47600178 | 39.03006579 |
| ME3908 | 2.904036 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 63.00 | PL19 | -77.48373137 | 39.02821098 |
| ME3921 | 9.273066 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 58.94 | PL19 | -77.48123795 | 39.02880006 |
| ME3927 | 2.005114 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 59.94 | PL19 | -77.48309335 | 39.02650883 |
| ME3937 | 3.957266 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 55.45 | PL19 | -77.4818609 | 39.02627128 |
| ME3941 | 11.929138 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 39.76 | PL19 | -77.48139392 | 39.02494258 |
| ME3988 | 29.013202 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 25.44 | PL19 | -77.47844745 | 39.02478672 |
| ME3989 | 0.801985 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 55.88 | PL19 | -77.47680357 | 39.02662716 |
| ME4006 | 3.156590 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 57.89 | PL19 | -77.47841094 | 39.02681257 |
| ME4007 | 1.205086 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 59.44 | PL19 | -77.47823485 | 39.02744329 |
| ME4010 | 0.680229 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 56.07 | PL19 | -77.47913372 | 39.02742045 |
| ME4013 | 0.717928 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 56.70 | PL19 | -77.47686421 | 39.02779059 |
| ME4020 | 5.876218 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 51.30 | PL19 | -77.47588134 | 39.02772916 |
| ME4047 | 4.590115 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 35.74 | PL19 | -77.47513933 | 39.02734709 |
| ME4063 | 8.573504 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 90.80 | PL19 | -77.48528036 | 39.02808159 |
| ME4066 | 1.485641 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 23.28 | PL19 | -77.48521931 | 39.02633463 |
| ME4068 | 11.968678 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 46.57 | PL19 | -77.48758563 | 39.02832741 |
| ME4095 | 5.177307 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 32.38 | PL19 | -77.47484765 | 39.03290022 |
| ME4106 | 2.417412 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 58.73 | PL19 | -77.47219224 | 39.02862785 |
| ME4111 | 5.848585 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 60.34 | PL19 | -77.47180847 | 39.02804434 |
| ME4141 | 16.688826 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.30 | PL19 | -77.47272377 | 39.02626366 |
| ME4199 | 29.470824 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 76.11 | PL19 | -77.47429384 | 39.02446507 |
| ME4268 | 4.307518 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 53.85 | PL19 | -77.47353344 | 39.02816479 |
| ME4295 | 0.170754 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 77.66 | PL19 | -77.46925044 | 39.03266668 |
| ME4296 | 0.577803 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 61.06 | PL19 | -77.46969731 | 39.03291441 |
| ME4299 | 0.185494 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 78.70 | PL19 | -77.46941979 | 39.03241481 |
| ME4301 | 0.566215 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 64.96 | PL19 | -77.46988347 | 39.03262318 |
| ME4305 | 2.786026 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 63.72 | PL19 | -77.47080376 | 39.03312769 |
| ME4312 | 1.204535 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 65.60 | PL19 | -77.47164738 | 39.03273094 |
| ME4313 | 0.703019 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 70.07 | PL19 | -77.47209113 | 39.03222582 |
| ME4325 | 4.724782 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 55.36 | PL19 | -77.47202331 | 39.03346976 |
| ME4330 | 0.811558 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 86.78 | PL19 | -77.47342986 | 39.03181156 |
| ME4332 | 0.529032 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 87.48 | PL19 | -77.47368548 | 39.03257633 |
| ME4334 | 1.759121 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 64.08 | PL19 | -77.47405966 | 39.03317355 |
| ME4336 | 0.901760 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 50.67 | PL19 | -77.47497772 | 39.03378704 |
| ME4338 | 1.090447 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 62.85 | PL19 | -77.47576147 | 39.03438613 |
| ME4343 | 1.829216 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 65.51 | PL19 | -77.47266549 | 39.03408736 |
| ME4346 | 2.058312 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 58.52 | PL19 | -77.47286635 | 39.03455176 |
| ME4352 | 3.810592 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 37.21 | PL19 | -77.47431177 | 39.03577408 |
| ME436 | 17.023787 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 29.60 | PL21 | -77.37952136 | 39.02083792 |
| ME4364 | 0.676907 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 51.54 | PL19 | -77.47487386 | 39.03578712 |
| ME4369 | 1.262320 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 63.36 | PL19 | -77.47555944 | 39.03605392 |
| ME4370 | 98.711540 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 54.89 | PL19 | -77.47848365 | 39.04057501 |
| ME4422 | 0.292621 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.13 | PL19 | -77.46993074 | 39.02180816 |
| ME4424 | 1.315106 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 84.30 | PL19 | -77.47002305 | 39.02142806 |
| ME4427 | 1.939892 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 82.60 | PL19 | -77.46731877 | 39.0213813 |
| ME4430 | 1.106365 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 80.80 | PL19 | -77.46730487 | 39.02089649 |
| ME4444 | 3.552425 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 89.54 | PL19 | -77.46710594 | 39.02208443 |

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 |
|--------|-----------------|-------------|----------|--|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| ME4445 | 0.089113 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 55.29 | PL19 | -77.46779732 | 39.02278513 |
| ME449 | 23.085748 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 71.38 | PL21 | -77.37643077 | 39.02213612 |
| ME4541 | 12.918456 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 84.82 | PL19 | -77.46770531 | 39.02378616 |
| ME4564 | 3.309285 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 84.99 | PL19 | -77.46642293 | 39.02425178 |
| ME4609 | 3.634906 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 94.03 | PL19 | -77.46790384 | 39.01957214 |
| ME4699 | 13.130537 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 81.41 | PL19 | -77.46090388 | 39.02176034 |
| ME4703 | 8.779461 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.14 | PL19 | -77.46549348 | 39.0222384 |
| ME4798 | 94.451734 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 42.61 | PL19 | -77.45681269 | 39.01726213 |
| ME4799 | 3.440430 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 81.74 | PL19 | -77.4514944 | 39.01511365 |
| ME490 | 12.867423 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 63.11 | PL21 | -77.37512934 | 39.02437726 |
| ME4962 | 93.097202 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 53.98 | PL19 | -77.45459326 | 39.02082518 |
| ME4967 | 1.725041 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 17.43 | PL19 | -77.45138634 | 39.01800076 |
| ME5064 | 4.721041 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 69.11 | PL19 | -77.45694308 | 39.01295322 |
| ME5074 | 2.099069 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 85.36 | PL19 | -77.45781811 | 39.01302288 |
| ME5075 | 0.641019 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 100.00 | PL19 | -77.45856514 | 39.01319622 |
| ME5079 | 2.383734 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 100.00 | PL19 | -77.45909662 | 39.01341283 |
| ME5080 | 46.244040 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 49.85 | PL19 | -77.46141044 | 39.01507559 |
| ME5081 | 0.557441 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 76.70 | PL19 | -77.4600356 | 39.01289646 |
| ME5116 | 4.231852 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 74.22 | PL19 | -77.45330873 | 39.01428913 |
| ME5120 | 0.957714 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | PUBLIC | 83.64 | PL19 | -77.45326652 | 39.01258835 |
| ME5148 | 11.194400 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 58.08 | PL19 | -77.45478804 | 39.01133378 |
| ME5157 | 0.159789 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 0.64 | PL19 | -77.45500699 | 39.01423945 |
| ME5158 | 1.634371 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 26.23 | PL19 | -77.45504318 | 39.01475575 |
| ME5171 | 9.042140 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 73.97 | PL19 | -77.45597581 | 39.01394692 |
| ME5187 | 5.715733 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 7.05 | PL19 | -77.45626304 | 39.0111309 |
| ME5217 | 3.352493 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 21.57 | PL19 | -77.46656416 | 39.01984719 |
| ME5218 | 0.227072 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 33.34 | PL19 | -77.46528875 | 39.02133666 |
| ME5269 | 1.362018 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 10.28 | PL19 | -77.4606338 | 39.01248015 |
| ME5272 | 1.902760 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 13.86 | PL19 | -77.46069693 | 39.01270634 |
| ME5294 | 1.104822 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.22 | PL19 | -77.47120714 | 39.02058103 |
| ME5327 | 0.623451 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 22.39 | PL19 | -77.48333507 | 39.02588411 |
| ME5328 | 0.156861 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 0.85 | PL19 | -77.48480574 | 39.02600874 |
| ME5388 | 1.124976 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_CHURCH | 100.00 | PL19 | -77.48534668 | 39.03821445 |
| ME5627 | 0.344620 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 64.09 | PL19 | -77.48747911 | 39.02657691 |
| ME5630 | 11.825366 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 50.32 | PL19 | -77.48777255 | 39.02541115 |
| ME5649 | 0.895694 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 80.57 | PL19 | -77.48555295 | 39.02596085 |
| ME5650 | 11.348166 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 39.89 | PL19 | -77.48613724 | 39.02453804 |
| ME5672 | 5.381746 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.12 | PL19 | -77.47985559 | 39.01070199 |
| ME5676 | 7.595926 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 76.94 | PL19 | -77.48192745 | 39.00819471 |
| ME5678 | 55.350184 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 47.39 | PL19 | -77.48451734 | 39.01090849 |
| ME5730 | 9.334466 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 60.54 | PL19 | -77.48544363 | 39.00852084 |
| ME5733 | 13.857534 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 63.70 | PL19 | -77.48176014 | 39.0131251 |
| ME5754 | 10.147495 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 46.21 | PL19 | -77.49063157 | 39.01408255 |
| ME5801 | 2.751337 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 5.43 | PL19 | -77.49076172 | 39.01274084 |
| ME581 | 7.778609 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 69.26 | PL21 | -77.37297097 | 39.02166861 |
| ME5834 | 12.620625 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 52.86 | PL19 | -77.48879058 | 39.01127708 |
| ME5845 | 0.581325 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 82.91 | PL19 | -77.48899159 | 39.01247392 |
| ME589 | 0.661464 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 87.05 | PL21 | -77.37191256 | 39.02238133 |
| ME5953 | 13.678060 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 82.51 | PL19 | -77.479093 | 39.01388125 |
| ME5954 | 2.222605 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 66.46 | PL19 | -77.47671815 | 39.01324666 |
| ME745 | 13.736193 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 93.82 | PL21 | -77.37506446 | 39.02679013 |
| ME746 | 4.331430 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 100.00 | PL21 | -77.37351493 | 39.02813472 |
| ME756 | 6.163003 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 59.32 | PL21 | -77.39444175 | 38.9918679 |
| ME760 | 2.438137 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 60.42 | PL21 | -77.3965146 | 38.9898559 |
| ME829 | 22.576886 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.88 | PL19 | -77.40067428 | 38.99365932 |
| ME838 | 28.903003 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 38.97 | PL19 | -77.40053825 | 38.9958675 |
| ME848 | 8.829861 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.46 | PL19 | -77.40309608 | 38.99281294 |
| ME863 | 0.761699 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 63.06 | PL19 | -77.40238884 | 38.9920392 |
| ME889 | 4.164263 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.40141001 | 38.99050481 |
| ME90 | 15.257410 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 56.94 | PL21 | -77.34550229 | 39.05128375 |

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 |
|---------|-----------------|-------------|----------|---|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| ME922 | 42.940387 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | RES_SFD | 50.32 | PL21 | -77.39920621 | 38.98974204 |
| ME930 | 16.638959 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | RES_SFD | 65.12 | PL21 | -77.40067497 | 38.98649493 |
| PO0004 | 5.756963 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 38.29 | PL19 | -77.48370722 | 39.06412189 |
| PO0005 | 0.715578 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_CHURCH | 76.65 | PL19 | -77.42671187 | 39.04623936 |
| RA0001 | 1.519502 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OFFICE_MEDICAL | 89.31 | PL17 | -77.54015883 | 38.93842369 |
| RA0004 | 2.305604 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OFFICE_MEDICAL | 68.71 | PL17 | -77.5408061 | 38.93857101 |
| RA0013 | 4.026277 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 72.19 | PL17 | -77.56437421 | 38.93585628 |
| RA0049 | 0.520253 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 99.97 | PL17 | -77.5573247 | 38.93543291 |
| RA0051 | 0.634701 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL17 | -77.55667934 | 38.93546063 |
| RA0087 | 1.841554 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | MISC | 100.00 | PL17 | -77.55592934 | 38.9365619 |
| RA0158 | 3.406969 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 96.87 | PL17 | -77.56731338 | 38.93008315 |
| RA0167 | 6.091772 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 98.40 | PL17 | -77.5676804 | 38.9280923 |
| RA0187 | 6.493531 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 26.75 | PL17 | -77.56410491 | 38.92784713 |
| RA0189 | 0.181580 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | PUBLIC | 1.30 | PL17 | -77.56334628 | 38.93041879 |
| RA0191 | 21.810447 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 26.93 | PL17 | -77.57958327 | 38.92486517 |
| RA10256 | 7.599389 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 94.11 | PL14 | -77.52911545 | 39.01591773 |
| RA10277 | 4.321328 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 92.51 | PL14 | -77.53068748 | 39.01616279 |
| RA10293 | 0.937904 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 75.59 | PL14 | -77.5313673 | 39.01572514 |
| RA1086 | 6.155462 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 92.75 | PL19 | -77.46640972 | 39.01829108 |
| RA10888 | 0.427394 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 0.49 | PL17 | -77.57174889 | 38.95252199 |
| RA10896 | 7.355705 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 57.72 | PL17 | -77.5694057 | 38.95212678 |
| RA10899 | 9.993507 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 65.90 | PL17 | -77.56998512 | 38.95321262 |
| RA1101 | 22.262489 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 85.09 | PL19 | -77.46395936 | 39.01812036 |
| RA1160 | 0.328139 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 0.05 | PL42 | -77.56217707 | 38.91822823 |
| RA1170 | 0.149025 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 0.19 | PL42 | -77.5610731 | 38.91767579 |
| RA1183 | 11.519901 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 67.58 | PL19 | -77.4418913 | 38.99464413 |
| RA1219 | 28.328229 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 55.09 | PL17 | -77.56584387 | 38.93316387 |
| RA1229 | 0.225171 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 0.92 | PL17 | -77.56453779 | 38.93344848 |
| RA1324 | 0.262237 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 100.00 | PL19 | -77.50996334 | 39.00720394 |
| RA1328 | 1.116623 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 100.00 | PL19 | -77.50943911 | 39.00733232 |
| RA1336 | 4.997048 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_MFA | 39.89 | PL17 | -77.50795786 | 39.00720298 |
| RA1367 | 2.830012 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 44.51 | PL17 | -77.49985883 | 39.00541891 |
| RA1379 | 2.655875 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 64.87 | PL17 | -77.50097026 | 39.0061813 |
| RA1381 | 2.747410 | 20700080905 | Yes | Sugarland Run (Bacterial), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 99.36 | PL21 | -77.386795 | 39.01586768 |
| RA1481 | 0.154026 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 0.46 | PL17 | -77.56018629 | 38.93304146 |
| RA1482 | 0.035153 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 3.49 | PL17 | -77.55981204 | 38.93304297 |
| RA1499 | 8.743771 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 36.33 | PL47 | -77.54008461 | 38.93001895 |
| RA1540 | 0.572061 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 74.08 | PL17 | -77.54113782 | 38.93048725 |
| RA1541 | 0.855086 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 61.64 | PL17 | -77.49837282 | 39.00754519 |
| RA1548 | 2.108849 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 52.49 | PL17 | -77.49890248 | 39.00722538 |
| RA1568 | 49.287297 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 42.06 | PL17 | -77.50024143 | 38.99807348 |
| RA1631 | 0.316373 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 95.58 | PL17 | -77.49816001 | 38.99673208 |
| RA1633 | 0.828588 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 100.00 | PL17 | -77.49641009 | 38.99707962 |
| RA1635 | 1.753758 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 100.00 | PL17 | -77.49654135 | 38.99606424 |
| RA1706 | 3.623350 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 54.07 | PL17 | -77.49789546 | 38.99849104 |
| RA1717 | 7.238367 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 55.47 | PL17 | -77.49801578 | 39.00020467 |
| RA1724 | 1.665181 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 0.52 | PL17 | -77.49646432 | 39.00349619 |
| RA1730 | 0.479094 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | | | PL17 | -77.49954401 | 39.00313244 |
| RA2871 | 2.790072 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 51.84 | PL19 | -77.46841292 | 39.04729297 |
| RA2898 | 1.738620 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 59.55 | PL19 | -77.46848173 | 39.04836674 |
| RA2914 | 1.815243 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFST | 100.00 | PL19 | -77.5009618 | 39.05284771 |
| RA3668 | 4.851088 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 52.30 | PL17 | -77.59587206 | 38.95854684 |
| RA3676 | 2.181737 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 50.73 | PL17 | -77.59480132 | 38.95643933 |
| RA3683 | 3.647298 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 60.67 | PL17 | -77.59391941 | 38.95583082 |
| RA3689 | 4.418630 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 60.32 | PL17 | -77.59495615 | 38.95525793 |
| RA4800 | 5.479064 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 45.40 | PL17 | -77.59477103 | 38.95424693 |
| RA4812 | 1.614662 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 67.52 | PL17 | -77.59288192 | 38.95410507 |
| RA4823 | 4.204800 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 61.01 | PL17 | -77.59067996 | 38.95365509 |
| RA4852 | 13.666260 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 80.87 | PL17 | -77.59729394 | 38.94356365 |
| RA4863 | 19.748455 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 60.66 | PL17 | -77.59780397 | 38.94158491 |

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 |
|--------|-----------------|-------------|----------|---|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| RA4879 | 3.896826 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 56.77 | PL17 | -77.59145922 | 38.955564 |
| RA5248 | 1.057833 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 66.71 | PL42 | -77.55817764 | 38.90722593 |
| RA5254 | 4.191969 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 37.95 | PL42 | -77.55939999 | 38.90709823 |
| RA5263 | 0.318427 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 1.33 | PL42 | -77.55772397 | 38.90624363 |
| RA5503 | 9.744873 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 70.92 | PL17 | -77.56370945 | 38.92541115 |
| RA5507 | 14.857186 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 50.89 | PL17 | -77.56114599 | 38.92483165 |
| RA5598 | 7.733889 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 42.09 | PL42 | -77.56545994 | 38.92566576 |
| RA5647 | 1.263286 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_UNENTITLED | 0.03 | PL47 | -77.52903453 | 38.93024539 |
| RA5653 | 0.821535 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_UNENTITLED | 22.32 | PL47 | -77.52767508 | 38.92976956 |
| RA5659 | 0.586453 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 0.27 | PL47 | -77.52705643 | 38.92939684 |
| RA5664 | 0.317087 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_UNENTITLED | 0.05 | PL47 | -77.52653866 | 38.92913554 |
| RA5669 | 0.409682 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_UNENTITLED | 0.10 | PL47 | -77.52618027 | 38.92884147 |
| RA5676 | 2.010727 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_UNENTITLED | 0.76 | PL47 | -77.52551349 | 38.92760347 |
| RA5681 | 0.150973 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | PUBLIC | 0.45 | PL47 | -77.52525216 | 38.926333 |
| RA5686 | 0.971747 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | PUBLIC | 0.10 | PL47 | -77.52513967 | 38.92564612 |
| RA5690 | 0.186276 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 0.58 | PL47 | -77.52502017 | 38.9249268 |
| RA5699 | 3.414016 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | PUBLIC | 54.66 | PL45 | -77.49276807 | 38.91341767 |
| RA5704 | 9.398765 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | PUBLIC | 82.54 | PL45 | -77.49225169 | 38.91188944 |
| RA5764 | 18.445184 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL17 | -77.50703543 | 38.99786343 |
| RA5784 | 2.143855 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 39.83 | PL17 | -77.50466752 | 38.99995734 |
| RA5792 | 6.080821 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 85.05 | PL17 | -77.50573694 | 38.99962893 |
| RA5806 | 3.475846 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 99.52 | PL17 | -77.50610665 | 38.99655226 |
| RA5882 | 6.879248 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 40.93 | PL19 | -77.44615536 | 38.99582487 |
| RA5906 | 6.961556 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 100.00 | PL21 | -77.38988264 | 39.05208683 |
| RA5970 | 1.333263 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 98.85 | PL45 | -77.51674742 | 38.9196275 |
| RA5976 | 1.946161 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_NON_PUBLIC | 90.51 | PL45 | -77.51723335 | 38.92040299 |
| RA6004 | 1.060272 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 95.01 | PL17 | -77.56155925 | 38.93198098 |
| RA6007 | 3.965000 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 66.77 | PL17 | -77.56218852 | 38.93150768 |
| RA6023 | 2.222016 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 64.95 | PL17 | -77.56202582 | 38.93251578 |
| RA6033 | 5.423243 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 59.89 | PL17 | -77.55742311 | 38.93371457 |
| RA6061 | 12.876247 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 61.73 | PL17 | -77.55802458 | 38.93197361 |
| RA6106 | 1.162868 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 81.18 | PL17 | -77.55715738 | 38.93062781 |
| RA6110 | 1.526424 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 62.08 | PL47 | -77.53281216 | 38.92955654 |
| RA6116 | 28.676654 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 69.67 | PL47 | -77.53646034 | 38.9289514 |
| RA6185 | 11.961756 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 56.91 | PL47 | -77.53930431 | 38.92802734 |
| RA6198 | 0.118250 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 98.04 | PL20 | -77.47055958 | 39.07642563 |
| RA6201 | 1.140842 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFA | 80.40 | PL20 | -77.46756099 | 39.07608563 |
| RA6207 | 15.525025 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFA | 50.78 | PL20 | -77.4695431 | 39.07736767 |
| RA6242 | 48.866530 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 39.58 | PL19 | -77.48610564 | 39.06899926 |
| RA6309 | 0.528519 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.48513024 | 39.06453232 |
| RA6388 | 4.228520 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFA | 99.98 | PL21 | -77.34943185 | 39.05359494 |
| RA6430 | 7.564362 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 57.41 | PL19 | -77.47379814 | 39.06015959 |
| RA6456 | 3.675464 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 98.05 | PL19 | -77.47491796 | 39.05979981 |
| RA6475 | 14.838230 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 80.06 | PL19 | -77.44612951 | 39.05244467 |
| RA6497 | 0.393342 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 0.71 | PL19 | -77.44756075 | 39.0513725 |
| RA6499 | 0.514627 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 1.09 | PL19 | -77.44883957 | 39.05087235 |
| RA6565 | 4.837122 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 71.05 | PL17 | -77.58770809 | 38.95334392 |
| RA6660 | 8.667593 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 96.59 | PL16 | -77.50915284 | 39.06800622 |
| RA6861 | 0.334529 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | COM_OTHER_PUBLIC | 95.37 | PL42 | -77.57229937 | 38.91344045 |
| RA6865 | 1.241737 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | COM_OTHER_PUBLIC | 92.38 | PL42 | -77.57170208 | 38.91384503 |
| RA6879 | 1.345836 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | COM_OTHER_PUBLIC | 90.92 | PL42 | -77.57165045 | 38.91427163 |
| RA6899 | 4.600787 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | PUBLIC | 86.57 | PL42 | -77.57189578 | 38.91276958 |
| RA7508 | 2.977596 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_DATA_CENTER | 98.92 | PL45 | -77.49205091 | 38.91547289 |
| RA7530 | 9.310486 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_DATA_CENTER | 100.00 | PL45 | -77.49251216 | 38.91643 |
| RA7556 | 2.877545 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_DATA_CENTER | 100.00 | PL45 | -77.49350696 | 38.91692377 |
| RA7638 | 0.117934 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 6.27 | PL47 | -77.52853608 | 38.92736971 |
| RA7641 | 1.073415 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 44.97 | PL47 | -77.52873607 | 38.92688176 |
| RA7648 | 8.454357 | 20700100802 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 48.19 | PL47 | -77.52844892 | 38.92598382 |
| RA7785 | 2.757501 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 99.98 | PL45 | -77.52791575 | 38.9213993 |
| RA7801 | 2.728607 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 100.00 | PL45 | -77.52649139 | 38.92182034 |

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 |
|--------|-----------------|-------------|----------|---|----------------------------------|--------------------|---------------------------|-------|--------------|-------------|
| RA7802 | 0.480572 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 99.97 | PL45 | -77.52610286 | 38.92090646 |
| RA7806 | 1.059579 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 100.00 | PL45 | -77.52541139 | 38.92106587 |
| RA7807 | 1.059582 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 100.00 | PL45 | -77.52541139 | 38.92106587 |
| RA7809 | 1.725279 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 99.91 | PL45 | -77.52661288 | 38.92109887 |
| RA8149 | 6.910633 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 53.38 | PL17 | -77.58745009 | 38.95438643 |
| RA8578 | 0.755267 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 55.01 | PL17 | -77.50747318 | 38.99578228 |
| RA8632 | 11.625218 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 47.53 | PL17 | -77.598324 | 38.95405307 |
| RA8646 | 7.512530 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 66.74 | PL17 | -77.59660989 | 38.9580568 |
| RA8654 | 0.930298 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 49.28 | PL45 | -77.49777539 | 38.88793164 |
| RA8663 | 0.879999 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 79.94 | PL45 | -77.49699367 | 38.88800683 |
| RA9100 | 2.142220 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 64.00 | PL17 | -77.5073975 | 38.99481448 |
| RA9810 | 0.354840 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 0.03 | PL19 | -77.48574407 | 39.06526329 |
| RA9845 | 4.633217 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 55.59 | PL19 | -77.49854102 | 39.0215602 |
| RC10 | 4.003237 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 53.60 | PL16 | -77.50306171 | 39.10793156 |
| RC12 | 1.667153 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | HOA | 83.00 | PL05 | -77.49603113 | 39.108721 |
| RC16 | 4.591559 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 65.46 | PL16 | -77.48971744 | 39.10367016 |
| RC17 | 5.277515 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 53.92 | PL16 | -77.50139035 | 39.10260511 |
| RC18 | 1.898803 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | RES_SFD | 51.28 | PL05 | -77.49951161 | 39.11060466 |
| RC180 | 4.156337 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFA | 59.75 | PL16 | -77.48374935 | 39.10333156 |
| RC20 | 3.459654 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFA | 68.50 | PL16 | -77.49887798 | 39.10642168 |
| RC21 | 12.770049 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | RES_SFA | 53.16 | PL05 | -77.48704858 | 39.10776806 |
| RC24 | 4.619194 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 70.80 | PL16 | -77.49971984 | 39.10402719 |
| RC26 | 6.002657 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 62.51 | PL16 | -77.49178109 | 39.10481677 |
| RC28 | 2.617198 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | RES_SFD | 52.05 | PL05 | -77.49818741 | 39.10930392 |
| RC29 | 2.306374 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 71.80 | PL16 | -77.49999018 | 39.10806655 |
| RC40 | 3.284272 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFA | 53.89 | PL16 | -77.48499335 | 39.10315829 |
| RC41 | 3.440300 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 50.40 | PL16 | -77.48527587 | 39.10387209 |
| RC42 | 3.075217 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 54.79 | PL16 | -77.49089464 | 39.10396981 |
| RC43 | 2.277387 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 63.26 | PL16 | -77.48781653 | 39.10420457 |
| RC44 | 4.787621 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 52.22 | PL16 | -77.50520726 | 39.10712806 |
| RC45 | 2.014594 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 81.44 | PL16 | -77.50461952 | 39.1070666 |
| RC46 | 12.120467 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 58.23 | PL16 | -77.48955528 | 39.10531426 |
| RC498 | 4.604909 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 74.48 | PL16 | -77.49318812 | 39.10244318 |
| RC500 | 10.710076 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 64.41 | PL16 | -77.49584844 | 39.10250278 |
| RC502 | 31.005075 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | COM_GOLF_COURSE | 41.24 | PL16 | -77.49432973 | 39.10661477 |
| RC51 | 10.502478 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | RES_SFD | 78.25 | PL05 | -77.49872779 | 39.11190983 |
| RC510 | 2.114676 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 47.83 | PL16 | -77.50240878 | 39.10429912 |
| RC513 | 1.768421 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | RES_SFA | 39.33 | PL05 | -77.48525809 | 39.10622841 |
| RC514 | 2.060125 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 50.03 | PL16 | -77.48444809 | 39.10265964 |
| RC52 | 1.723893 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | HOA | 47.90 | PL05 | -77.50016808 | 39.11001996 |
| RC54 | 1.799855 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 90.98 | PL16 | -77.48797426 | 39.10356937 |
| RC55 | 1.763054 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 68.71 | PL16 | -77.48706877 | 39.10312245 |
| RC56 | 4.050289 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | RES_SFA | 66.26 | PL05 | -77.48908843 | 39.10855368 |
| RC58 | 6.454310 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 76.91 | PL16 | -77.50333044 | 39.10598022 |
| RC59 | 8.049244 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 92.29 | PL16 | -77.49480065 | 39.10149496 |
| RC63 | 2.904931 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | COM_GOLF_COURSE | 69.89 | PL16 | -77.50029666 | 39.10319145 |
| RC64 | 4.428268 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 51.65 | PL16 | -77.50255875 | 39.10352936 |
| RC65 | 14.362831 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | RES_SFD | 42.00 | PL05 | -77.49186991 | 39.10775273 |
| RC66 | 1.106664 | 20700080403 | No | Chesapeake Bay | Limestone Branch - Potomac River | RES_SFA | 51.66 | PL05 | -77.48977317 | 39.10988189 |
| RJ0052 | 6.567453 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 95.80 | PL19 | -77.47408732 | 39.01521266 |
| RJ0055 | 9.914482 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | MISC | 70.06 | PL17 | -77.55637257 | 38.93750229 |
| RJ0083 | 5.710596 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 59.13 | PL42 | -77.56589051 | 38.91066844 |
| RJ0086 | 3.164378 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 25.84 | PL45 | -77.50411333 | 38.91461063 |
| RJ0090 | 1.331269 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 47.52 | PL45 | -77.50524304 | 38.91520186 |
| RJ0092 | 0.230061 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 46.17 | PL45 | -77.50586811 | 38.91476758 |
| RJ0099 | 11.991313 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 73.52 | PL18 | -77.42246441 | 38.98561472 |
| RJ0100 | 0.559784 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.42134585 | 38.9866732 |
| RJ0112 | 3.181912 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 99.22 | PL17 | -77.56614301 | 38.92999081 |
| RJ0119 | 0.750649 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 73.07 | PL42 | -77.55015497 | 38.91864851 |
| RJ0134 | 1.263993 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 2.11 | PL16 | -77.50336954 | 39.09025191 |

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 |
|--------|-----------------|-------------|----------|--|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| RJ0215 | 0.039577 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 18.39 | PL19 | -77.48857541 | 39.04627916 |
| RR27 | 1.670492 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.47118961 | 39.06625064 |
| RR29 | 0.200177 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.46695468 | 39.06418346 |
| RR35 | 0.259569 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.46809452 | 39.06515506 |
| RR51 | 2.261931 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.47167124 | 39.06689083 |
| RR61 | 0.263124 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.46397078 | 39.06274897 |
| RR9 | 1.051027 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.4764934 | 39.06889579 |
| SR11 | 6.250033 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 99.30 | PL21 | -77.3735332 | 39.01374096 |
| SR122 | 6.875013 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 77.44 | PL21 | -77.386424 | 39.01835238 |
| SR125 | 5.426561 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 81.59 | PL21 | -77.38574485 | 39.01777322 |
| SR126 | 6.604364 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 77.79 | PL21 | -77.38451653 | 39.01783699 |
| SR127 | 4.001559 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 59.68 | PL21 | -77.38408508 | 39.01861678 |
| SR128 | 3.403105 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 78.09 | PL21 | -77.38269145 | 39.01758229 |
| SR13 | 0.255654 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 100.00 | PL21 | -77.37416209 | 39.01263284 |
| SR133 | 43.907026 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 47.57 | PL21 | -77.38351864 | 39.01999454 |
| SR15 | 0.357828 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 98.69 | PL21 | -77.37384402 | 39.01257419 |
| SR155 | 4.301648 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 17.78 | PL21 | -77.38707786 | 39.01873672 |
| SR159 | 0.284138 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | | | PL21 | -77.38876935 | 39.01755323 |
| SR161 | 4.359363 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 84.31 | PL21 | -77.3899087 | 39.01806806 |
| SR162 | 33.596957 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 44.49 | PL21 | -77.39128054 | 39.02085735 |
| SR163 | 0.136182 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | PUBLIC | 0.46 | PL21 | -77.38841328 | 39.01798168 |
| SR166 | 4.306159 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 25.46 | PL21 | -77.39096985 | 39.01500885 |
| SR17 | 1.319933 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 42.51 | PL21 | -77.37294405 | 39.01243529 |
| SR170 | 10.566061 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 74.90 | PL21 | -77.38965958 | 39.01463105 |
| SR171 | 69.068744 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | VACANT_ENTITLED | 68.30 | PL21 | -77.39413617 | 39.01792827 |
| SR217 | 6.781376 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 64.93 | PL21 | -77.38738601 | 39.01251457 |
| SR252 | 12.816576 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 32.58 | PL21 | -77.38626083 | 39.01433446 |
| SR268 | 81.210009 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 67.41 | PL21 | -77.39606917 | 39.01228818 |
| SR274 | 5.952092 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 78.43 | PL21 | -77.39211593 | 39.01001288 |
| SR276 | 1.448820 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | RES_SFD | 69.10 | PL21 | -77.39109759 | 39.00894225 |
| SR3 | 2.677350 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_RETAIL | 100.00 | PL21 | -77.37651895 | 39.01461043 |
| SR446 | 2.807426 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 22.54 | PL18 | -77.41744384 | 38.98843986 |
| SR505 | 1.434783 | 20700080902 | No | Chesapeake Bay | Horsepen Run | MULTI_USE | 64.34 | PL18 | -77.42296285 | 38.98952941 |
| SR506 | 52.886992 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 43.66 | PL18 | -77.42105306 | 38.99211752 |
| SR523 | 45.851504 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 69.11 | PL18 | -77.41549709 | 38.99009648 |
| SR524 | 19.846717 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 72.18 | PL18 | -77.41817669 | 38.99105617 |
| SR525 | 0.362403 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 29.98 | PL18 | -77.42078262 | 38.98876637 |
| SR526 | 0.521783 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 96.22 | PL18 | -77.42114513 | 38.98845839 |
| SR538 | 2.042424 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_OFFICE_GENERAL | 99.94 | PL18 | -77.42187871 | 38.98841791 |
| SR540 | 2.267262 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 55.56 | PL18 | -77.42197869 | 38.98920506 |
| SR546 | 2.302124 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_DATA_CENTER | 86.74 | PL18 | -77.41246206 | 38.98832855 |
| SR560 | 1.379242 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 80.92 | PL18 | -77.41386989 | 38.98773563 |
| SR563 | 0.450984 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_DATA_CENTER | 41.22 | PL18 | -77.41348178 | 38.9878604 |
| SR568 | 4.762385 | 20700080902 | No | Chesapeake Bay | Horsepen Run | MISC | 53.90 | PL18 | -77.4133185 | 38.98869712 |
| SR570 | 0.937995 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_DATA_CENTER | 59.23 | PL18 | -77.41272019 | 38.98695652 |
| SR572 | 5.224245 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_DATA_CENTER | 46.82 | PL18 | -77.41215292 | 38.98601684 |
| SR582 | 102.532728 | 20700080902 | No | Chesapeake Bay | Horsepen Run | RES_SFD | 29.45 | PL18 | -77.40644497 | 38.98416805 |
| SR603 | 8.841058 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_DATA_CENTER | 70.90 | PL18 | -77.41135647 | 38.98904047 |
| SR607 | 7.302779 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 98.54 | PL18 | -77.4152205 | 38.98799288 |
| SR608 | 0.469882 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 99.43 | PL18 | -77.41447802 | 38.9871893 |
| SR609 | 0.529826 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 96.13 | PL18 | -77.41401627 | 38.98729624 |
| SR641 | 7.347715 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 98.75 | PL18 | -77.41844654 | 38.98775461 |
| SR660 | 25.900288 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 42.20 | PL18 | -77.42810359 | 38.98670231 |
| SR739 | 5.637117 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_HOTEL | 69.20 | PL18 | -77.4274009 | 38.98461806 |
| SR740 | 5.518765 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.42608999 | 38.98462398 |
| WB1013 | 25.799207 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 25.22 | PL20 | -77.41207585 | 39.05581784 |
| WB1034 | 3.195517 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 55.88 | PL20 | -77.40606654 | 39.04782856 |
| WB1044 | 6.297893 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 74.00 | PL20 | -77.40489945 | 39.04814668 |
| WB1049 | 2.346417 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 74.71 | PL20 | -77.40380051 | 39.04910671 |
| WB1056 | 2.356731 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 79.87 | PL20 | -77.40206024 | 39.04789934 |

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 |
|---------|-----------------|-------------|----------|--|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| WB1063 | 4.782411 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 65.30 | PL20 | -77.40219494 | 39.04882137 |
| WB1064 | 5.074792 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 72.95 | PL20 | -77.40088797 | 39.05083788 |
| WB1066 | 5.360809 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 61.84 | PL20 | -77.40184179 | 39.04986322 |
| WB1111 | 12.910242 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 70.63 | PL20 | -77.40413125 | 39.05193879 |
| WB1125 | 2.430787 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 72.09 | PL20 | -77.40617126 | 39.0559638 |
| WB1145 | 7.819467 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 42.62 | PL20 | -77.40456341 | 39.05432233 |
| WB1147 | 1.694124 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 59.09 | PL20 | -77.40358733 | 39.05514591 |
| WB1157 | 16.658558 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 74.53 | PL20 | -77.40201072 | 39.05410283 |
| WB1182 | 10.906817 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 38.01 | PL20 | -77.40115045 | 39.05242423 |
| WB1184 | 0.749233 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 65.21 | PL20 | -77.39997154 | 39.05472117 |
| WB1239 | 2.646388 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFA | 48.29 | PL20 | -77.41113967 | 39.05739159 |
| WB1243 | 3.270229 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFA | 53.99 | PL20 | -77.41236502 | 39.05745574 |
| WB12680 | 16.469183 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 38.59 | PL17 | -77.5104304 | 38.9775678 |
| WB1270 | 7.047153 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 53.20 | PL20 | -77.41453281 | 39.05749608 |
| WB1273 | 1.755729 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 55.16 | PL20 | -77.41323652 | 39.05752142 |
| WB1302 | 4.798662 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 100.00 | PL20 | -77.39687258 | 39.05295329 |
| WB1316 | 3.549978 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 100.00 | PL20 | -77.39752968 | 39.0520521 |
| WB1338 | 9.315918 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 87.59 | PL20 | -77.398791 | 39.05303207 |
| WB1358 | 82.806988 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 21.68 | PL19 | -77.44021557 | 39.05417753 |
| WB1532 | 9.424480 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 53.49 | PL19 | -77.43521589 | 39.04985343 |
| WB1543 | 6.061108 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 67.66 | PL19 | -77.43536668 | 39.05110284 |
| WB1544 | 0.251641 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.43403678 | 39.05077987 |
| WB1567 | 5.295338 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 60.76 | PL19 | -77.44478095 | 39.05494133 |
| WB1595 | 2.731103 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.43740073 | 39.05536816 |
| WB1604 | 6.506782 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.43842977 | 39.05656684 |
| WB1618 | 7.046559 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 42.80 | PL19 | -77.44142066 | 39.05863249 |
| WB1646 | 13.325976 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 92.78 | PL19 | -77.44229423 | 39.06125996 |
| WB1655 | 4.430075 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 35.32 | PL19 | -77.44126198 | 39.0597412 |
| WB1788 | 47.838686 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 38.97 | PL19 | -77.44500257 | 39.05930725 |
| WB1798 | 2.919966 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 25.26 | PL19 | -77.44009691 | 39.05705599 |
| WB1799 | 1.260535 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.43957808 | 39.05749828 |
| WB18 | 2.924673 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.41986834 | 39.03422984 |
| WB1855 | 21.029249 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 35.50 | PL19 | -77.44370715 | 39.06316867 |
| WB1860 | 21.530737 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 79.92 | PL19 | -77.44796785 | 39.06606978 |
| WB1879 | 17.043181 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 94.12 | PL20 | -77.44953719 | 39.06793428 |
| WB1886 | 14.587595 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 99.93 | PL20 | -77.45091526 | 39.06676804 |
| WB1899 | 20.128813 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 36.99 | PL19 | -77.44601915 | 39.06432111 |
| WB1954 | 6.524967 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 49.72 | PL19 | -77.44656997 | 39.06604372 |
| WB2 | 36.200632 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 34.64 | PL19 | -77.41609109 | 39.03457206 |
| WB20075 | 4.172925 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 57.01 | PL21 | -77.37158228 | 39.02451733 |
| WB2122 | 1.152947 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.46747614 | 39.06694806 |
| WB2126 | 0.730295 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.46817416 | 39.06649747 |
| WB2279 | 45.647919 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 99.77 | PL20 | -77.46794746 | 39.07119033 |
| WB2281 | 0.883740 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.47021704 | 39.06933935 |
| WB2317 | 3.428054 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 24.94 | PL19 | -77.45464381 | 39.06199138 |
| WB2353 | 3.560594 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 72.16 | PL20 | -77.45382863 | 39.07005952 |
| WB241 | 3.235269 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.4238425 | 39.0343567 |
| WB2434 | 5.662862 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 0.35 | PL19 | -77.48064948 | 39.07155476 |
| WB252 | 17.986233 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 53.88 | PL19 | -77.42324471 | 39.03216392 |
| WB2545 | 22.062895 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 89.96 | PL20 | -77.47647481 | 39.07352163 |
| WB2573 | 3.448215 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 46.20 | PL20 | -77.4756647 | 39.07550963 |
| WB2576 | 2.660122 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 99.86 | PL20 | -77.47461331 | 39.0760153 |
| WB2584 | 0.628639 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 100.00 | PL20 | -77.47380745 | 39.07632407 |
| WB2588 | 6.278456 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 91.49 | PL20 | -77.47504482 | 39.07695095 |
| WB2633 | 7.542999 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 88.69 | PL20 | -77.47452328 | 39.07225527 |
| WB2635 | 1.399011 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 0.32 | PL20 | -77.4725549 | 39.07317935 |
| WB2650 | 19.833886 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 92.87 | PL20 | -77.47068415 | 39.07299593 |
| WB2659 | 2.298417 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 75.43 | PL19 | -77.44862313 | 39.05698028 |
| WB277 | 5.780318 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 96.07 | PL19 | -77.42143444 | 39.03282146 |
| WB296 | 0.321648 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 84.26 | PL19 | -77.41916561 | 39.03315331 |

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 |
|---------|-----------------|-------------|----------|---|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| WB299 | 22.856185 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 64.44 | PL19 | -77.42076013 | 39.03067927 |
| WB30027 | 3.187633 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 51.16 | PL16 | -77.49677708 | 39.08364381 |
| WB30028 | 2.933673 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 80.30 | PL16 | -77.50027955 | 39.08915219 |
| WB30030 | 1.805922 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 46.19 | PL19 | -77.48881941 | 39.01432787 |
| WB30032 | 3.136967 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 68.40 | PL19 | -77.47562608 | 39.02249172 |
| WB30043 | 17.436800 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 71.37 | PL42 | -77.5603514 | 38.90836246 |
| WB30271 | 10.222786 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 100.00 | PL19 | -77.41658365 | 39.03100024 |
| WB30272 | 11.611389 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 28.74 | PL19 | -77.41615975 | 39.03235891 |
| WB30273 | 2.257364 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 100.00 | PL19 | -77.41742512 | 39.02995063 |
| WB30274 | 2.137099 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_NON_PUBLIC | 86.83 | PL20 | -77.40509652 | 39.02702428 |
| WB30275 | 44.735064 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 29.21 | PL20 | -77.40492724 | 39.02460265 |
| WB30276 | 1.363458 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 100.00 | PL20 | -77.40586051 | 39.02814526 |
| WB30280 | 23.844849 | 20700080905 | Yes | Sugarland Run (Bacteria), Chesapeake Bay | Sugarland Run | COM_OTHER_PUBLIC | 97.52 | PL21 | -77.37244602 | 39.02681846 |
| WB30281 | 1.439415 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | MULTI_USE | 98.42 | PL16 | -77.49622522 | 39.08030825 |
| WB30282 | 25.569078 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFA | 24.08 | PL16 | -77.49327337 | 39.08036566 |
| WB30287 | 0.368975 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 0.06 | PL19 | -77.46626521 | 39.06754211 |
| WB30289 | 7.960239 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 100.00 | PL20 | -77.46267558 | 39.06764666 |
| WB30293 | 23.807305 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 100.00 | PL20 | -77.46399322 | 39.06944652 |
| WB30295 | 7.069286 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 67.37 | PL19 | -77.47200995 | 39.07035685 |
| WB30296 | 3.563680 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 100.00 | PL20 | -77.463793 | 39.07200162 |
| WB30297 | 2.024705 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 100.00 | PL20 | -77.46240898 | 39.07166445 |
| WB30298 | 0.402193 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 100.00 | PL19 | -77.46704082 | 39.06281978 |
| WB30299 | 3.029293 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 100.00 | PL19 | -77.46680674 | 39.06206516 |
| WB30300 | 20.301477 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 38.00 | PL19 | -77.46550389 | 39.06331742 |
| WB30302 | 0.306677 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.46797522 | 39.06175157 |
| WB30303 | 4.369784 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.46920833 | 39.06119569 |
| WB30304 | 2.767270 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 100.00 | PL20 | -77.46150853 | 39.0711996 |
| WB30305 | 5.522391 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 100.00 | PL20 | -77.46315247 | 39.07090556 |
| WB30306 | 7.141406 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OFFICE_GENERAL | 92.33 | PL19 | -77.46274652 | 39.05984354 |
| WB30311 | 4.261138 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 99.07 | PL20 | -77.47760387 | 39.07932512 |
| WB30312 | 3.218492 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 98.46 | PL20 | -77.47861873 | 39.07827572 |
| WB30313 | 3.430281 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 100.00 | PL20 | -77.47688329 | 39.07769141 |
| WB30314 | 92.396045 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 44.94 | PL20 | -77.48095314 | 39.07591728 |
| WB30316 | 2.126337 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 100.00 | PL20 | -77.48746615 | 39.09377055 |
| WB30321 | 5.311037 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 100.00 | PL20 | -77.4854273 | 39.0901147 |
| WB30322 | 2.426006 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 100.00 | PL20 | -77.48609806 | 39.0911718 |
| WB30323 | 2.376599 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 100.00 | PL20 | -77.4849369 | 39.09100505 |
| WB30324 | 2.167442 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 43.03 | PL20 | -77.48692931 | 39.0897107 |
| WB30325 | 6.792612 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.87 | PL19 | -77.46930869 | 39.05102549 |
| WB30326 | 1.580755 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.44 | PL19 | -77.46808543 | 39.05035496 |
| WB30332 | 23.351487 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 75.56 | PL19 | -77.45808124 | 39.02500876 |
| WB30333 | 13.893096 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 99.98 | PL19 | -77.46056443 | 39.02513496 |
| WB30338 | 2.199921 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.45905126 | 39.02349964 |
| WB30339 | 2.797361 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.45841306 | 39.0229205 |
| WB30346 | 5.732458 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 39.79 | PL19 | -77.44404768 | 39.00704773 |
| WB30347 | 0.869773 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 100.00 | PL19 | -77.44767871 | 38.99658412 |
| WB30348 | 1.900888 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 70.59 | PL19 | -77.44764326 | 38.99607428 |
| WB30360 | 11.656123 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_UNENTITLED | 10.49 | PL19 | -77.43951725 | 39.0052263 |
| WB30374 | 5.932328 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 60.98 | PL18 | -77.43664115 | 38.99324138 |
| WB30382 | 11.511458 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 0.21 | PL19 | -77.43513298 | 39.00095006 |
| WB30391 | 0.867455 | 20700080902 | No | Chesapeake Bay | Horsepen Run | | | PL18 | -77.43578411 | 38.98431258 |
| WB30392 | 66.423359 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 45.08 | PL18 | -77.43757159 | 38.98800049 |
| WB30397 | 0.103301 | 20700080902 | No | Chesapeake Bay | Horsepen Run | HOA | 1.36 | PL18 | -77.42871113 | 38.98972659 |
| WB30398 | 1.010053 | 20700080902 | No | Chesapeake Bay | Horsepen Run | HOA | 0.17 | PL18 | -77.42965895 | 38.98958808 |
| WB30401 | 0.391187 | 20700080902 | No | Chesapeake Bay | Horsepen Run | | | PL18 | -77.43069779 | 38.98947714 |
| WB30402 | 0.193817 | 20700080902 | No | Chesapeake Bay | Horsepen Run | | | PL18 | -77.43056925 | 38.98975383 |
| WB30403 | 0.143093 | 20700080902 | No | Chesapeake Bay | Horsepen Run | | | PL18 | -77.4302219 | 38.99033788 |
| WB30406 | 6.470932 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 77.61 | PL17 | -77.53342472 | 38.97715433 |
| WB30407 | 5.093160 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 75.13 | PL17 | -77.5349382 | 38.97943031 |
| WB30417 | 1.615509 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 57.00 | PL17 | -77.51019709 | 38.98173449 |

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 |
|---------|-----------------|-------------|----------|---|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| WB30418 | 13.021104 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 42.58 | PL17 | -77.51230792 | 38.98063644 |
| WB30422 | 1.360469 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 66.28 | PL17 | -77.51397902 | 38.98062071 |
| WB30423 | 9.641568 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_NON_PUBLIC | 59.25 | PL17 | -77.51116261 | 38.97925058 |
| WB30428 | 1.103777 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 15.14 | PL17 | -77.50545736 | 38.97677986 |
| WB30439 | 0.959606 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 56.62 | PL17 | -77.51361595 | 38.97971465 |
| WB30446 | 34.007290 | 20700080902 | No | Chesapeake Bay | Horsepen Run | VACANT_UNENTITLED | 18.90 | PL18 | -77.43271817 | 38.99375922 |
| WB30447 | 0.525740 | 20700080902 | No | Chesapeake Bay | Horsepen Run | | | PL18 | -77.43232252 | 38.98784203 |
| WB30449 | 0.391234 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_HOTEL | 3.64 | PL18 | -77.43059817 | 38.98769536 |
| WB30450 | 0.414369 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_HOTEL | 0.39 | PL18 | -77.43049429 | 38.98901384 |
| WB30451 | 0.403849 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_HOTEL | 100.00 | PL18 | -77.43017013 | 38.98815806 |
| WB30452 | 0.257089 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_HOTEL | 100.00 | PL18 | -77.42957222 | 38.98856726 |
| WB30454 | 10.396850 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 93.37 | PL18 | -77.42000978 | 38.98513814 |
| WB30456 | 1.970481 | 20700080902 | No | Chesapeake Bay | Horsepen Run | COM_LIGHT_IND_FLEX | 100.00 | PL18 | -77.42081212 | 38.98646707 |
| WB30486 | 11.817171 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 77.47 | PL14 | -77.52472469 | 39.01183218 |
| WB30488 | 4.481534 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 86.92 | PL14 | -77.52743337 | 39.02104626 |
| WB30489 | 6.584158 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 76.14 | PL14 | -77.5285052 | 39.01883372 |
| WB30490 | 2.014863 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 77.71 | PL14 | -77.52863017 | 39.01999925 |
| WB30491 | 0.640422 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 52.81 | PL14 | -77.52953785 | 39.02057317 |
| WB30493 | 1.614060 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 75.10 | PL14 | -77.53144584 | 39.0191823 |
| WB30494 | 3.235121 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 80.17 | PL14 | -77.53068055 | 39.01922719 |
| WB30496 | 22.120741 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 47.74 | PL17 | -77.52128182 | 39.00047786 |
| WB30498 | 4.368289 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 69.31 | PL17 | -77.52284938 | 38.99897868 |
| WB30499 | 5.822647 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 60.04 | PL17 | -77.51918768 | 38.99951998 |
| WB30504 | 3.454030 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 30.45 | PL19 | -77.49039328 | 39.01082194 |
| WB30505 | 1.189442 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 18.79 | PL19 | -77.49131126 | 39.01179053 |
| WB30507 | 1.831432 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 1.42 | PL19 | -77.49305525 | 39.01163097 |
| WB30508 | 27.696446 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 67.64 | PL19 | -77.49260032 | 39.01015768 |
| WB30511 | 14.068788 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 99.78 | PL19 | -77.49080113 | 39.02234426 |
| WB30512 | 2.134242 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 100.00 | PL19 | -77.48950631 | 39.02358947 |
| WB30513 | 0.329204 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 99.97 | PL19 | -77.4891007 | 39.023202 |
| WB30514 | 5.366118 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 54.00 | PL45 | -77.54025336 | 38.92154856 |
| WB30516 | 1.646851 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 64.43 | PL45 | -77.54228866 | 38.92143499 |
| WB30517 | 22.297390 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 41.15 | PL45 | -77.54292109 | 38.92028762 |
| WB30518 | 5.348005 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 66.80 | PL45 | -77.54269776 | 38.92211374 |
| WB30519 | 5.772237 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 63.36 | PL45 | -77.54268725 | 38.92301659 |
| WB30524 | 9.275819 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFA | 54.31 | PL42 | -77.55393294 | 38.92129374 |
| WB30527 | 1.540336 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFA | 62.34 | PL42 | -77.55370742 | 38.92293487 |
| WB30529 | 14.361785 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFA | 72.46 | PL42 | -77.56464209 | 38.91256148 |
| WB30530 | 0.200062 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 0.34 | PL42 | -77.56200052 | 38.91063194 |
| WB30532 | 19.213603 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 73.88 | PL42 | -77.56663653 | 38.91415688 |
| WB30534 | 2.682049 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 71.49 | PL42 | -77.56300106 | 38.91561467 |
| WB30535 | 4.139010 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 67.16 | PL42 | -77.56277618 | 38.91706284 |
| WB30536 | 1.230214 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_NON_PUBLIC | 92.87 | PL45 | -77.53566946 | 38.91866475 |
| WB30549 | 10.702041 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_LIGHT_IND_FLEX | 91.86 | PL45 | -77.47205517 | 38.91458691 |
| WB30550 | 7.766636 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 97.77 | PL45 | -77.47335788 | 38.91337192 |
| WB30551 | 5.754277 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 100.00 | PL45 | -77.47258232 | 38.91258118 |
| WB30552 | 4.984195 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | VACANT_UNENTITLED | 16.33 | PL45 | -77.47601504 | 38.91056753 |
| WB30555 | 4.027460 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.44681102 | 39.02949841 |
| WB30556 | 3.140474 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.44533963 | 39.02930319 |
| WB30557 | 0.782688 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.44488765 | 39.02870427 |
| WB30558 | 2.328154 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.4440349 | 39.02897818 |
| WB30559 | 1.062501 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.44338878 | 39.02857034 |
| WB30561 | 2.455589 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.44522899 | 39.03303371 |
| WB30563 | 25.972737 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.44338069 | 39.0325382 |
| WB30565 | 3.091153 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_NON_PUBLIC | 75.81 | PL20 | -77.47338121 | 39.08311324 |
| WB31005 | 3.065955 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 79.33 | PL19 | -77.49236811 | 39.05566668 |
| WB31006 | 1.604144 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 82.99 | PL19 | -77.4914443 | 39.05612451 |
| WB31007 | 0.733385 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 56.32 | PL19 | -77.49219547 | 39.05728972 |
| WB31008 | 7.749993 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 79.50 | PL19 | -77.49303586 | 39.05917117 |
| WB31009 | 4.694284 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 83.42 | PL19 | -77.49321582 | 39.05764991 |

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 |
|---------|-----------------|-------------|----------|---|-------------------------------|--------------------|---------------------------|-------|--------------|-------------|
| WB31010 | 1.546871 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 56.67 | PL42 | -77.54959582 | 38.91314035 |
| WB35 | 2.285562 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 98.55 | PL19 | -77.42123533 | 39.0354823 |
| WB369 | 1.800991 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 40.22 | PL19 | -77.41876324 | 39.03132766 |
| WB373 | 1.007328 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 15.68 | PL19 | -77.4184462 | 39.03172563 |
| WB386 | 12.501683 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 57.06 | PL19 | -77.42004855 | 39.02831261 |
| WB389 | 3.083296 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_MFA | 47.56 | PL19 | -77.41665793 | 39.02957773 |
| WB40456 | 0.525346 | 20700080902 | No | Chesapeake Bay | Horsepen Run | | | PL18 | -77.43136431 | 38.99021294 |
| WB40458 | 8.084070 | 20700080902 | No | Chesapeake Bay | Horsepen Run | VACANT_UNENTITLED | 46.49 | PL18 | -77.43177557 | 38.99359054 |
| WB40480 | 0.953691 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 75.69 | PL45 | -77.53768674 | 38.9240697 |
| WB422 | 3.791125 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 70.52 | PL20 | -77.40944372 | 39.04368448 |
| WB428 | 6.459506 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 83.44 | PL20 | -77.40776027 | 39.04343043 |
| WB436 | 3.034267 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 73.12 | PL20 | -77.40570145 | 39.04305313 |
| WB444 | 3.159187 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 31.33 | PL20 | -77.40944819 | 39.04244298 |
| WB448 | 30.602497 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 34.45 | PL20 | -77.41074781 | 39.04072706 |
| WB532 | 0.268767 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_PUBLIC | 100.00 | PL20 | -77.4136031 | 39.04382774 |
| WB533 | 22.896931 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 33.73 | PL20 | -77.41394523 | 39.0414826 |
| WB562 | 4.891744 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 65.93 | PL20 | -77.41092493 | 39.04397802 |
| WB571 | 6.514309 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 61.94 | PL20 | -77.41211203 | 39.04379121 |
| WB641 | 6.629018 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 88.33 | PL20 | -77.40884937 | 39.03824467 |
| WB642 | 4.626525 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 95.91 | PL20 | -77.4094433 | 39.03737443 |
| WB644 | 1.538781 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 61.31 | PL20 | -77.40794934 | 39.03696155 |
| WB650 | 0.373681 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 88.47 | PL20 | -77.41042775 | 39.03738355 |
| WB654 | 0.343195 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 36.84 | PL20 | -77.41049803 | 39.03735082 |
| WB655 | 2.073243 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 100.00 | PL20 | -77.41060393 | 39.03662264 |
| WB661 | 0.945851 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_RETAIL | 50.81 | PL20 | -77.40882806 | 39.03648327 |
| WB669 | 3.919566 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 88.47 | PL20 | -77.41086998 | 39.03812267 |
| WB679 | 0.318555 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 87.09 | PL20 | -77.41159739 | 39.0381533 |
| WB682 | 3.526940 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | MULTI_USE | 87.72 | PL20 | -77.41217531 | 39.03894608 |
| WB691 | 8.457056 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 31.51 | PL20 | -77.413436 | 39.03865698 |
| WB7 | 0.983559 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 97.63 | PL19 | -77.41912308 | 39.03336982 |
| WB70105 | 1.910755 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 99.21 | PL19 | -77.44639325 | 39.00818936 |
| WB70106 | 1.075032 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.44645335 | 39.00856998 |
| WB721 | 3.186039 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 76.70 | PL20 | -77.4136373 | 39.03767703 |
| WB732 | 1.457926 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 77.34 | PL20 | -77.4132073 | 39.0370519 |
| WB737 | 0.570674 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_MEDICAL | 68.19 | PL20 | -77.41246587 | 39.03656407 |
| WB821 | 20.103825 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 69.39 | PL20 | -77.40871003 | 39.04997494 |
| WB826 | 1.112903 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 72.80 | PL20 | -77.4047038 | 39.05109086 |
| WB828 | 1.189051 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 68.04 | PL20 | -77.40489577 | 39.04949763 |
| WB853 | 20.469078 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 65.98 | PL20 | -77.4116884 | 39.05056319 |
| WB860 | 1.831800 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 44.66 | PL20 | -77.40789639 | 39.05238483 |
| WB862 | 2.715938 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 61.04 | PL20 | -77.40946081 | 39.05319909 |
| WB864 | 1.524138 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 75.95 | PL20 | -77.40718438 | 39.05293555 |
| WB870 | 1.620508 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 73.12 | PL20 | -77.41069409 | 39.05311186 |
| WB887 | 3.999605 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 59.06 | PL20 | -77.40914287 | 39.05404732 |
| WB888 | 0.774143 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 35.14 | PL20 | -77.40862783 | 39.05454641 |
| WB891 | 0.683807 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | | | PL20 | -77.40692085 | 39.05423647 |
| WB896 | 0.665784 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 40.85 | PL20 | -77.40634299 | 39.05395283 |
| WB901 | 0.513315 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | | | PL20 | -77.40942511 | 39.05507131 |
| WB902 | 0.443618 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 66.16 | PL20 | -77.40866564 | 39.05495707 |
| WB906 | 9.618823 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 50.27 | PL20 | -77.41469137 | 39.05453326 |
| WB958 | 8.709759 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 74.57 | PL20 | -77.41430478 | 39.05348688 |
| WB968 | 1.640979 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 68.35 | PL20 | -77.4107803 | 39.05370747 |
| WB994 | 1.783517 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 50.83 | PL20 | -77.41747884 | 39.05109137 |
| WB995 | 2.441907 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | HOA | 44.55 | PL20 | -77.41904295 | 39.05118905 |
| WB998 | 2.358128 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | RES_SFD | 74.64 | PL20 | -77.41712448 | 39.05227238 |
| WC30573 | 2.245937 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 45.05 | PL19 | -77.49353745 | 39.06086024 |
| WC30582 | 0.503250 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 0.38 | PL19 | -77.46804551 | 39.0676262 |
| WC30583 | 4.054057 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 7.89 | PL19 | -77.47068264 | 39.06795872 |
| WJ1017 | 23.366591 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 27.50 | PL19 | -77.51653675 | 39.05383485 |
| WJ1018 | 2.302169 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.21 | PL19 | -77.51379694 | 39.05426537 |

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 |
|--------|-----------------|-------------|----------|---|-------------------------------|-------------------|---------------------------|-------|--------------|-------------|
| WJ1029 | 5.013558 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 38.51 | PL19 | -77.51418221 | 39.05318823 |
| WJ1030 | 2.003808 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.01 | PL19 | -77.51253644 | 39.05345548 |
| WJ104 | 11.432292 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 49.64 | PL45 | -77.51402138 | 38.92415015 |
| WJ1084 | 8.512336 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 51.30 | PL19 | -77.51711546 | 39.05218437 |
| WJ1162 | 15.846195 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 45.12 | PL19 | -77.51650837 | 39.05151803 |
| WJ1189 | 17.583261 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 40.54 | PL19 | -77.51149858 | 39.05171626 |
| WJ120 | 18.344619 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 51.83 | PL45 | -77.51565584 | 38.92334788 |
| WJ1203 | 2.057686 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 63.23 | PL19 | -77.51236564 | 39.05007859 |
| WJ124 | 20.943546 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 23.11 | PL45 | -77.50997786 | 38.9238904 |
| WJ1263 | 29.066572 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 61.74 | PL19 | -77.51803716 | 39.04671304 |
| WJ1275 | 19.406707 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 49.37 | PL19 | -77.51497635 | 39.0464796 |
| WJ131 | 2.325880 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 49.41 | PL45 | -77.5099179 | 38.92220856 |
| WJ132 | 0.215197 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 0.16 | PL45 | -77.51048065 | 38.92159986 |
| WJ135 | 0.051060 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 0.14 | PL45 | -77.51076573 | 38.92132895 |
| WJ1403 | 44.941654 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 62.68 | PL19 | -77.51718633 | 39.04945264 |
| WJ1405 | 24.230919 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.05 | PL19 | -77.5152265 | 39.0405397 |
| WJ1412 | 1.281706 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.92 | PL19 | -77.51263693 | 39.03986987 |
| WJ144 | 14.011084 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 42.64 | PL45 | -77.51246836 | 38.91969031 |
| WJ1449 | 4.887086 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.94 | PL19 | -77.51474379 | 39.03871421 |
| WJ1454 | 7.939999 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.92 | PL19 | -77.51859782 | 39.03950083 |
| WJ1467 | 19.451574 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 42.00 | PL19 | -77.52068837 | 39.03964223 |
| WJ1496 | 3.471176 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.40 | PL19 | -77.51606385 | 39.03669024 |
| WJ1497 | 7.853332 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 64.47 | PL19 | -77.5177299 | 39.03680802 |
| WJ1518 | 11.389134 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 76.30 | PL19 | -77.52015582 | 39.03771808 |
| WJ1530 | 35.343773 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 27.66 | PL19 | -77.48778412 | 39.05150695 |
| WJ1641 | 0.674440 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 98.99 | PL19 | -77.4882773 | 39.06762585 |
| WJ1643 | 0.545740 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 98.96 | PL19 | -77.4882691 | 39.06575167 |
| WJ1651 | 12.651847 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 91.17 | PL19 | -77.4894501 | 39.06949015 |
| WJ1678 | 3.402685 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 81.01 | PL19 | -77.49199024 | 39.06882005 |
| WJ1681 | 0.975528 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 67.34 | PL19 | -77.48978995 | 39.06508387 |
| WJ1683 | 4.873136 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 48.60 | PL19 | -77.48900168 | 39.06473383 |
| WJ1707 | 12.488582 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 65.48 | PL19 | -77.48726053 | 39.06389519 |
| WJ1730 | 25.672575 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 53.16 | PL19 | -77.48679884 | 39.06154143 |
| WJ1735 | 4.274763 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 72.59 | PL19 | -77.49149264 | 39.06452707 |
| WJ1737 | 0.167137 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 100.00 | PL19 | -77.49334312 | 39.06448225 |
| WJ176 | 16.654477 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_MFA | 31.54 | PL45 | -77.51324274 | 38.91781344 |
| WJ1760 | 6.845359 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 81.25 | PL19 | -77.49129895 | 39.06553619 |
| WJ1771 | 8.991387 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 56.05 | PL19 | -77.49060584 | 39.06746322 |
| WJ1781 | 4.347413 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 58.04 | PL19 | -77.49295192 | 39.06856501 |
| WJ1785 | 2.583013 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 60.97 | PL19 | -77.49368798 | 39.06763093 |
| WJ1789 | 2.040739 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.41 | PL19 | -77.49402673 | 39.06682671 |
| WJ1795 | 2.242974 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 75.82 | PL19 | -77.49425705 | 39.06612709 |
| WJ1803 | 2.955744 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 60.35 | PL19 | -77.49468782 | 39.06539388 |
| WJ1806 | 17.167920 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 51.66 | PL19 | -77.49566661 | 39.0636098 |
| WJ1825 | 4.736480 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 63.77 | PL19 | -77.49692721 | 39.06486391 |
| WJ1830 | 4.466769 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 55.84 | PL19 | -77.4970034 | 39.06588905 |
| WJ1840 | 18.366798 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 53.04 | PL19 | -77.49500813 | 39.06777696 |
| WJ1855 | 2.333046 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.58 | PL19 | -77.49619889 | 39.06815155 |
| WJ1868 | 10.072949 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 77.16 | PL19 | -77.49578317 | 39.06935593 |
| WJ1894 | 12.525005 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 76.52 | PL16 | -77.49654962 | 39.07153901 |
| WJ1903 | 2.776899 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 74.34 | PL16 | -77.49866796 | 39.07427237 |
| WJ1907 | 2.924532 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 79.15 | PL16 | -77.49909616 | 39.07265503 |
| WJ1913 | 3.033699 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 99.88 | PL16 | -77.49877704 | 39.07221278 |
| WJ1915 | 9.548426 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 74.29 | PL16 | -77.49804509 | 39.07107563 |
| WJ192 | 12.266291 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 43.56 | PL45 | -77.51293473 | 38.91595754 |
| WJ1957 | 5.607155 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 76.00 | PL16 | -77.49849058 | 39.0697251 |
| WJ1961 | 0.158983 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 100.00 | PL16 | -77.50063275 | 39.07094111 |
| WJ1970 | 18.936424 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | RES_SFD | 79.68 | PL16 | -77.50290116 | 39.07151828 |
| WJ2 | 13.124258 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 38.39 | PL45 | -77.52538444 | 38.91410203 |
| WJ2034 | 13.663381 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_HOTEL | 33.93 | PL20 | -77.47681881 | 39.08054848 |

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 |
|--------|-----------------|-------------|----------|---|-------------------------------|----------------------|---------------------------|-------|--------------|-------------|
| WJ204 | 0.358274 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | | | PL45 | -77.51152951 | 38.91633692 |
| WJ2042 | 0.895916 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 24.60 | PL20 | -77.47648998 | 39.07935852 |
| WJ2043 | 1.433924 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 12.25 | PL20 | -77.476042 | 39.07760341 |
| WJ2068 | 0.354359 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_NON_PUBLIC | 1.40 | PL20 | -77.47072149 | 39.07943472 |
| WJ2073 | 2.904491 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 85.20 | PL20 | -77.47119938 | 39.07878922 |
| WJ2091 | 22.829067 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_HOTEL | 82.98 | PL20 | -77.47584667 | 39.08303852 |
| WJ2117 | 9.512553 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_NON_PUBLIC | 45.30 | PL20 | -77.472911 | 39.07896652 |
| WJ2118 | 2.130074 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 8.06 | PL20 | -77.47122272 | 39.07576394 |
| WJ2120 | 0.214522 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OFFICE_GENERAL | 0.29 | PL20 | -77.47152283 | 39.07448418 |
| WJ2126 | 0.340794 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_NON_PUBLIC | 97.65 | PL20 | -77.47071592 | 39.07985222 |
| WJ2128 | 11.594531 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_NON_PUBLIC | 83.96 | PL20 | -77.47309581 | 39.08032338 |
| WJ2157 | 15.119300 | 20700080904 | No | Chesapeake Bay | Selden Island - Potomac River | COM_OTHER_NON_PUBLIC | 84.19 | PL20 | -77.47301543 | 39.08169525 |
| WJ2178 | 1.288097 | 20700080704 | Yes | Goose Creek (Benthic), Chesapeake Bay | Cattail Branch - Goose Creek | HOA | 23.44 | PL16 | -77.50438883 | 39.09130483 |
| WJ226 | 4.986119 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 37.05 | PL45 | -77.51237378 | 38.91466694 |
| WJ250 | 2.944849 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 47.62 | PL45 | -77.51602283 | 38.91314199 |
| WJ255 | 2.462631 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 31.13 | PL45 | -77.51639008 | 38.91407589 |
| WJ267 | 5.392460 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 47.49 | PL45 | -77.51618938 | 38.91643347 |
| WJ271 | 0.753371 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 60.10 | PL45 | -77.5167596 | 38.91579191 |
| WJ272 | 0.724561 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 49.74 | PL45 | -77.516486 | 38.91548656 |
| WJ277 | 4.716973 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 54.97 | PL45 | -77.51607583 | 38.91502637 |
| WJ301 | 4.125982 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | MULTI_USE | 95.53 | PL45 | -77.51534467 | 38.91767161 |
| WJ308 | 0.963556 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | | | PL45 | -77.51773407 | 38.91757894 |
| WJ310 | 1.472592 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 0.19 | PL45 | -77.5161164 | 38.91720105 |
| WJ316 | 1.404433 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 28.60 | PL45 | -77.51845278 | 38.91707431 |
| WJ322 | 1.217869 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 8.87 | PL45 | -77.51864301 | 38.91599418 |
| WJ337 | 24.438564 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_OTHER_PUBLIC | 53.13 | PL45 | -77.52155868 | 38.9134968 |
| WJ364 | 3.855806 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 24.43 | PL45 | -77.51909085 | 38.91317766 |
| WJ367 | 5.578701 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 45.02 | PL45 | -77.5198603 | 38.91094355 |
| WJ383 | 9.861803 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 90.51 | PL19 | -77.50238238 | 39.03713802 |
| WJ390 | 2.319368 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 67.83 | PL19 | -77.5011027 | 39.0382543 |
| WJ398 | 1.455142 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 57.85 | PL19 | -77.49957912 | 39.03795263 |
| WJ401 | 1.751314 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 53.32 | PL19 | -77.49876222 | 39.03804325 |
| WJ406 | 1.459635 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 53.16 | PL19 | -77.49793561 | 39.03781129 |
| WJ412 | 31.251345 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 39.05 | PL19 | -77.49885176 | 39.03629893 |
| WJ413 | 1.623194 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 57.44 | PL19 | -77.49511549 | 39.03699237 |
| WJ419 | 1.600918 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 67.47 | PL19 | -77.4950292 | 39.03765855 |
| WJ426 | 0.488335 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 62.07 | PL19 | -77.4965302 | 39.03790642 |
| WJ427 | 3.973290 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 57.40 | PL19 | -77.49619446 | 39.03607511 |
| WJ435 | 7.994357 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 41.53 | PL19 | -77.49677354 | 39.03496437 |
| WJ444 | 6.606605 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_CHURCH | 20.98 | PL19 | -77.49799198 | 39.03393873 |
| WJ466 | 4.532634 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 80.91 | PL19 | -77.49322812 | 39.03483314 |
| WJ473 | 3.180232 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.54 | PL19 | -77.49258098 | 39.03617194 |
| WJ476 | 2.851147 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.66 | PL19 | -77.49237777 | 39.03479553 |
| WJ482 | 8.750050 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 45.41 | PL19 | -77.49249282 | 39.03213573 |
| WJ493 | 2.249035 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 59.49 | PL19 | -77.49130991 | 39.03102516 |
| WJ503 | 4.797155 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.19 | PL19 | -77.49076321 | 39.03226903 |
| WJ507 | 2.556093 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 81.38 | PL19 | -77.4896165 | 39.03273753 |
| WJ510 | 0.131661 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.48859137 | 39.03211 |
| WJ515 | 1.132055 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.00 | PL19 | -77.48820649 | 39.03244882 |
| WJ519 | 5.350444 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 57.10 | PL19 | -77.48885314 | 39.03068372 |
| WJ526 | 3.802274 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 46.12 | PL19 | -77.48808029 | 39.03073049 |
| WJ530 | 2.719550 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 64.87 | PL19 | -77.48987617 | 39.029567 |
| WJ536 | 2.485723 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 66.67 | PL19 | -77.48988558 | 39.03067932 |
| WJ541 | 0.767150 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 63.61 | PL19 | -77.48684279 | 39.03226084 |
| WJ542 | 1.344702 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 57.99 | PL19 | -77.48663678 | 39.03145966 |
| WJ547 | 0.630626 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 50.52 | PL19 | -77.48665575 | 39.03059693 |
| WJ572 | 1.693534 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 60.63 | PL19 | -77.4869736 | 39.03280518 |
| WJ576 | 2.894451 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 71.18 | PL19 | -77.49198168 | 39.04037754 |
| WJ582 | 7.203577 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 82.69 | PL19 | -77.49044978 | 39.04153872 |
| WJ593 | 6.003892 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 81.47 | PL19 | -77.49029332 | 39.0426682 |

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 |
|--------|-----------------|-------------|----------|---|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| WJ608 | 5.060332 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 60.48 | PL19 | -77.49857201 | 39.04497722 |
| WJ610 | 7.160882 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.03 | PL19 | -77.5009983 | 39.04514174 |
| WJ621 | 1.176112 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 74.94 | PL19 | -77.4993048 | 39.04567507 |
| WJ626 | 1.326218 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 83.63 | PL19 | -77.49906191 | 39.04639103 |
| WJ63 | 16.024478 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 64.38 | PL45 | -77.52872492 | 38.91332544 |
| WJ632 | 2.194767 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.13 | PL19 | -77.49945115 | 39.04675948 |
| WJ637 | 3.086349 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.61 | PL19 | -77.49923632 | 39.04800758 |
| WJ64 | 3.488114 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 84.61 | PL45 | -77.52745102 | 38.91549296 |
| WJ640 | 5.853784 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 84.20 | PL19 | -77.50052142 | 39.04933755 |
| WJ657 | 0.325496 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 98.94 | PL19 | -77.5029074 | 39.04561112 |
| WJ660 | 2.522535 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 58.58 | PL19 | -77.50232001 | 39.04559639 |
| WJ663 | 1.171625 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 22.38 | PL19 | -77.50471903 | 39.04552551 |
| WJ675 | 3.955305 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 73.48 | PL19 | -77.50289168 | 39.04769773 |
| WJ685 | 6.705422 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 70.26 | PL19 | -77.50140366 | 39.04707125 |
| WJ69 | 10.826306 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 74.56 | PL45 | -77.53043968 | 38.91275283 |
| WJ692 | 7.040324 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.47 | PL19 | -77.50240491 | 39.04874521 |
| WJ707 | 3.481133 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 68.17 | PL19 | -77.50189191 | 39.05028351 |
| WJ708 | 2.966990 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 69.07 | PL19 | -77.50079555 | 39.04995773 |
| WJ719 | 5.314744 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 66.63 | PL19 | -77.50415075 | 39.04825119 |
| WJ737 | 4.822314 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 35.89 | PL19 | -77.50539145 | 39.04808968 |
| WJ762 | 9.402084 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 66.27 | PL19 | -77.50333807 | 39.05061694 |
| WJ764 | 0.798532 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 97.60 | PL19 | -77.50295368 | 39.05184164 |
| WJ768 | 10.360061 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 43.18 | PL19 | -77.50484725 | 39.05141727 |
| WJ82 | 3.157428 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 69.29 | PL45 | -77.53009304 | 38.91453255 |
| WJ826 | 15.832923 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 40.86 | PL19 | -77.5064445 | 39.04985808 |
| WJ828 | 1.520592 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_PUBLIC | 21.74 | PL19 | -77.50750043 | 39.04670579 |
| WJ837 | 1.180313 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 100.00 | PL19 | -77.5067749 | 39.04634911 |
| WJ843 | 2.107195 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 61.28 | PL19 | -77.5047456 | 39.04688585 |
| WJ859 | 1.883123 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 78.69 | PL19 | -77.49769913 | 39.03997072 |
| WJ875 | 9.694676 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 75.43 | PL19 | -77.49595111 | 39.04051215 |
| WJ886 | 11.628497 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | PUBLIC | 34.64 | PL19 | -77.50673593 | 39.05249692 |
| WJ887 | 5.241045 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | PUBLIC | 79.94 | PL19 | -77.50736496 | 39.05352501 |
| WJ91 | 1.638340 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 64.85 | PL45 | -77.51358061 | 38.92248574 |
| WJ911 | 4.743790 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 41.46 | PL19 | -77.50918693 | 39.0534612 |
| WJ917 | 1.605545 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 50.48 | PL19 | -77.51007487 | 39.054957 |
| WJ924 | 1.821797 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 60.44 | PL19 | -77.50957455 | 39.05665657 |
| WJ929 | 11.710556 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 35.08 | PL19 | -77.51308028 | 39.05713508 |
| WJ950 | 3.085113 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 25.32 | PL19 | -77.51334729 | 39.05591161 |
| WJ967 | 7.780628 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 66.55 | PL19 | -77.51149271 | 39.05626805 |
| WJ972 | 0.320370 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | | | PL19 | -77.51150142 | 39.05494398 |
| WJ973 | 8.116172 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 31.25 | PL19 | -77.51132032 | 39.05334078 |
| WJ998 | 5.418419 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | VACANT_ENTITLED | 18.31 | PL14 | -77.51687264 | 39.05682037 |
| WP2621 | 0.727891 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 56.11 | PL17 | -77.52477782 | 38.96988495 |
| WP3201 | 0.913373 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 10.33 | PL45 | -77.50074258 | 38.91315871 |
| WP3483 | 7.200089 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 22.99 | PL19 | -77.46139122 | 39.05123434 |
| WP3520 | 2.755815 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 51.42 | PL17 | -77.50152451 | 39.00211943 |
| WP3521 | 0.554550 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 28.24 | PL17 | -77.50153786 | 39.00140358 |
| WP3522 | 0.291642 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 44.82 | PL17 | -77.50204072 | 39.0008581 |
| WP3523 | 1.860901 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 49.51 | PL14 | -77.52225249 | 39.00142846 |
| WP3524 | 16.373869 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFD | 37.49 | PL14 | -77.52483008 | 39.00226951 |
| WP3526 | 2.093742 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 48.83 | PL14 | -77.52671458 | 39.00304064 |
| WP3527 | 0.848546 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 57.83 | PL14 | -77.52893243 | 39.0032992 |
| WP3528 | 10.455414 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 41.21 | PL14 | -77.52560777 | 39.00363897 |
| WP3537 | 6.166573 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 50.19 | PL19 | -77.50984495 | 39.01012519 |
| WP3538 | 1.309890 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 95.40 | PL19 | -77.45940939 | 39.0030222 |
| WP3539 | 2.419860 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 99.28 | PL19 | -77.4581968 | 39.00388459 |
| WP3541 | 2.756913 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 93.03 | PL19 | -77.45923104 | 39.00407531 |
| WP3546 | 10.230162 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 65.34 | PL17 | -77.50721668 | 38.98186313 |
| WP3547 | 5.958441 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 56.31 | PL17 | -77.5086741 | 38.97969663 |
| WP3548 | 2.715344 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 25.38 | PL14 | -77.52800548 | 39.00152164 |

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 |
|--------|-----------------|-------------|----------|---|---------------------------|--------------------|---------------------------|-------|--------------|-------------|
| WP3554 | 0.923177 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | MULTI_USE | 9.57 | PL14 | -77.53072303 | 38.99726771 |
| WP3555 | 0.361075 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 8.60 | PL14 | -77.53098551 | 38.99665227 |
| WP3557 | 1.439508 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_OTHER_PUBLIC | 13.84 | PL14 | -77.53135056 | 38.99592913 |
| WP3560 | 1.629569 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 56.01 | PL17 | -77.50844169 | 38.97878329 |
| WP3563 | 10.087834 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_MFST | 39.09 | PL14 | -77.53544935 | 38.98782922 |
| WP3564 | 1.455190 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | MULTI_USE | 0.27 | PL14 | -77.53741948 | 38.98886612 |
| WP3565 | 0.064083 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 94.70 | PL14 | -77.5366236 | 38.98982854 |
| WP3566 | 1.734906 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFA | 62.61 | PL14 | -77.5356469 | 38.98941715 |
| WP3567 | 2.262964 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 0.07 | PL14 | -77.53646487 | 38.99074345 |
| WP3568 | 5.595214 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | HOA | 16.16 | PL14 | -77.53741069 | 38.9869513 |
| WP3569 | 1.995682 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 100.00 | PL19 | -77.46307851 | 39.02155727 |
| WP3570 | 3.120255 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 100.00 | PL19 | -77.4617609 | 39.02121971 |
| WP3571 | 1.701197 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 100.00 | PL19 | -77.46433375 | 39.02122741 |
| WP3572 | 1.180442 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 100.00 | PL19 | -77.46508962 | 39.02069384 |
| WP3573 | 6.115963 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 100.00 | PL19 | -77.46355436 | 39.02067962 |
| WP3574 | 8.623174 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 99.31 | PL19 | -77.46307803 | 39.01984705 |
| WP3578 | 0.085531 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 22.18 | PL19 | -77.462884 | 39.02633686 |
| WP3579 | 0.359176 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_LIGHT_IND_FLEX | 30.91 | PL19 | -77.46253124 | 39.02548821 |
| WP3580 | 0.443918 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 5.34 | PL19 | -77.46299765 | 39.02491169 |
| WP3581 | 0.248929 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 51.72 | PL19 | -77.46384103 | 39.02881471 |
| WP3582 | 7.056944 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 46.46 | PL19 | -77.46461869 | 39.0280364 |
| WP3583 | 2.227814 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 67.48 | PL19 | -77.46701257 | 39.02825528 |
| WP3584 | 0.158195 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 78.77 | PL19 | -77.46756922 | 39.02877379 |
| WP3585 | 14.641097 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 77.31 | PL19 | -77.46697798 | 39.0263786 |
| WP3586 | 0.428952 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 70.47 | PL19 | -77.46870171 | 39.02803397 |
| WP3587 | 0.915542 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_DATA_CENTER | 2.22 | PL19 | -77.45058526 | 39.02804526 |
| WP3588 | 0.526044 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.45481815 | 39.02917159 |
| WP3589 | 0.800462 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.45451445 | 39.02982948 |
| WP3590 | 6.128322 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 93.49 | PL19 | -77.45691573 | 39.03040666 |
| WP3591 | 0.426019 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.45634857 | 39.03228325 |
| WP3592 | 7.958163 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.45575237 | 39.0306211 |
| WP3593 | 6.580521 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 100.00 | PL19 | -77.45475191 | 39.03123474 |
| WP3594 | 0.641544 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MULTI_USE | 0.15 | PL19 | -77.45835337 | 39.03194274 |
| WP3607 | 1.782323 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFD | 69.77 | PL42 | -77.56308232 | 38.9207381 |
| WP3608 | 1.594257 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFA | 57.26 | PL42 | -77.56262012 | 38.92161261 |
| WP3609 | 1.501569 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 52.29 | PL42 | -77.56175498 | 38.92105256 |
| WP3610 | 4.570198 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | RES_SFA | 38.23 | PL42 | -77.56198401 | 38.92032122 |
| WP3611 | 1.258157 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 57.11 | PL42 | -77.56062516 | 38.92115702 |
| WP3612 | 0.331620 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 21.36 | PL42 | -77.56258812 | 38.91907335 |
| WP3613 | 0.476040 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 11.63 | PL42 | -77.56299526 | 38.9187745 |
| WP3614 | 5.177416 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 46.64 | PL42 | -77.55537151 | 38.92128932 |
| WP3615 | 6.397626 | 20700100701 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Upper Bull Run | HOA | 49.92 | PL42 | -77.55589492 | 38.92266409 |
| WP3618 | 3.509923 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 34.21 | PL17 | -77.54323661 | 38.93648424 |
| WP3620 | 0.197753 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OFFICE_GENERAL | 36.41 | PL17 | -77.54466567 | 38.93659159 |
| WP3621 | 4.264899 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_MFST | 58.01 | PL17 | -77.54343235 | 38.93591145 |
| WP3622 | 7.197313 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_MFST | 86.85 | PL17 | -77.54261248 | 38.93478953 |
| WP3627 | 12.749518 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 51.95 | PL45 | -77.53200483 | 38.92333632 |
| WP3628 | 3.254324 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 61.16 | PL45 | -77.52984512 | 38.92400098 |
| WP3629 | 1.051899 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 71.66 | PL45 | -77.53209378 | 38.92466506 |
| WP3630 | 3.903023 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 59.95 | PL45 | -77.52920507 | 38.92337013 |
| WP3631 | 5.007000 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | COM_RETAIL | 68.63 | PL45 | -77.52190793 | 38.92639579 |
| WP3632 | 0.481983 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | HOA | 88.85 | PL45 | -77.50048857 | 38.91345211 |
| WP3635 | 10.894498 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFA | 55.20 | PL45 | -77.49637983 | 38.91328151 |
| WP3637 | 12.034686 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 56.04 | PL45 | -77.49661166 | 38.91050719 |
| WP3638 | 1.646207 | 20700100704 | Yes | Bull Run (Bacteria/Benthic), Chesapeake Bay | Cub Run | RES_SFD | 68.84 | PL45 | -77.49440723 | 38.91049988 |
| WP3647 | 10.747276 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_CHURCH | 99.53 | PL19 | -77.41756443 | 39.01229448 |
| WP3648 | 1.145805 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_CHURCH | 100.00 | PL19 | -77.41941625 | 39.01142367 |
| WP3651 | 0.095246 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.42810668 | 39.04178463 |
| WP3652 | 1.335641 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.42718117 | 39.04205531 |
| WP3653 | 1.099262 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 100.00 | PL19 | -77.42736873 | 39.04110373 |

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 |
|--------|-----------------|-------------|----------|---------------------------------------|---------------------------|----------------------|---------------------------|-------|--------------|-------------|
| WP3654 | 0.831453 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 97.54 | PL19 | -77.42857254 | 39.03972449 |
| WP3655 | 0.806504 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | VACANT_ENTITLED | 34.88 | PL19 | -77.42904491 | 39.03870116 |
| WP3669 | 14.771264 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 51.84 | PL17 | -77.52932684 | 38.971058 |
| WP3675 | 0.498246 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 65.87 | PL17 | -77.52463483 | 38.9689044 |
| WP3676 | 3.216048 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 49.55 | PL17 | -77.5242209 | 38.9691704 |
| WP3677 | 2.076553 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFA | 63.07 | PL17 | -77.52367655 | 38.96820118 |
| WP3678 | 7.743464 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 71.10 | PL17 | -77.52397232 | 38.97031525 |
| WP3679 | 28.275476 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | COM_OTHER_PUBLIC | 68.98 | PL17 | -77.52763669 | 38.97273722 |
| WP3680 | 22.000387 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | HOA | 47.11 | PL17 | -77.53221552 | 38.97148293 |
| WP3682 | 21.762077 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | RES_SFA | 38.16 | PL14 | -77.52327907 | 39.04497717 |
| WP3685 | 13.172673 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_RETAIL | 90.95 | PL14 | -77.52192094 | 39.04304585 |
| WP3686 | 8.344984 | 20700080702 | Yes | Goose Creek (Benthic), Chesapeake Bay | Big Branch - Goose Creek | COM_RETAIL | 16.62 | PL14 | -77.52367998 | 39.04213833 |
| WP3690 | 5.116544 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_OTHER_NON_PUBLIC | 46.15 | PL19 | -77.45709622 | 39.04952686 |
| WP3691 | 2.412529 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 26.88 | PL19 | -77.45457392 | 39.04946601 |
| WP3692 | 2.361288 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFA | 15.69 | PL19 | -77.45325455 | 39.04898083 |
| WP3693 | 1.508654 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | COM_RETAIL | 26.52 | PL19 | -77.45348795 | 39.04878246 |
| WP3694 | 6.814862 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 33.81 | PL19 | -77.4546064 | 39.04370845 |
| WP3695 | 0.324832 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 80.01 | PL19 | -77.45329643 | 39.04599029 |
| WP3697 | 1.005822 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | HOA | 54.41 | PL19 | -77.45406683 | 39.04603228 |
| WP3698 | 0.644226 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | RES_SFD | 12.13 | PL19 | -77.4538641 | 39.04534827 |
| WP3699 | 0.305679 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 9.62 | PL17 | -77.53107191 | 38.97471473 |
| WP3700 | 22.350270 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 61.96 | PL17 | -77.53121027 | 38.97694272 |
| WP3701 | 0.461243 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | VACANT_ENTITLED | 0.54 | PL17 | -77.53090949 | 38.97519727 |
| WP3705 | 5.896033 | 20700080901 | No | Chesapeake Bay | Lenah Run - Broad Run | RES_SFD | 66.98 | PL17 | -77.5346661 | 38.97776458 |
| Z17_2S | 44.706115 | 20700080903 | No | Chesapeake Bay | Beaverdam Run - Broad Run | MISC | 67.39 | PL19 | -77.47350097 | 39.01223734 |

Appendix F

Dry Weather Screening



August 31, 2022

Mr. Michael Donnelly
Stormwater Engineer Assistant
Loudoun County
Department of General Services
MSC #48
P.O. Box 7100
801 Sycolin Road SE, Suite 300
Leesburg, VA 20175

RE: Permit 4/Year 4 (FY2022) – 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 276 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. If these field analyses indicated an exceedance of the field sampling benchmark criteria, additional samples were collected for further analysis. 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. The results of the field and analytic sampling are provided in **Attachment 1**. Laboratory analysis reports may be provided upon request.

Dry Weather Screening Results

GKY categorized the 277 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** and **Attachment 1** provides a tabular summary of the data associated with each outfall screened, sorted by the aforementioned categories. **Tables 2-5** summarize the results for each category and **Attachments 2-5** include reports associated with each of the categories.

Table 1. Cumulative Outfall Statistics Summary

| Category | Total No. Outfalls | % of Total Outfalls (277) |
|-----------------------|--------------------|---------------------------|
| Illicit | 7 | 2.53 |
| Suspect – Investigate | 9 | 3.25 |
| Suspect – Monitor | 14 | 5.05 |
| Clear | 247 | 89.17 |
| Total | 277 | 100% |

Please note that the tabular summary in **Attachment 1** contains 302 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. In instances where 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*.

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; therefore, required 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 (277) |
|-----------------------|-----------------|---------------------------|
| Suspect – Investigate | 9 | 3.25% |

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, 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 (277) |
|--------------------------|-----------------|---------------------------|
| Suspect – Monitor | 14 | 5.05% |

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 | Sub Category | No. of Outfalls | % of Total Outfalls (277) |
|---------------|-------------------------------|-----------------|---------------------------|
| Clear* | Dry/Wet but Not Flowing | 171 | 61.73% |
| | Non-Suspect Flow* | 76 | 27.44% |
| | Not Found (Recommend Removal) | 0 | 0% |
| TOTAL | | 247** | 89.17% |

*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 272 *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 feel free to 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 4 (FY2022) Dry Weather Field Screening Results Table (Excel and PDF)

Attachment 2. Permit 4/Year 4 (FY2022) Inspection Reports for Outfalls Categorized as *Illicit* (PDF)

Attachment 3. Permit 4/Year 4 (FY2022) Inspection Reports for Outfalls Categorized as *Suspect – Investigate (PDF)*

Attachment 4. Permit 4/Year 4 (FY2022) Inspection Reports for Outfalls Categorized as *Suspect – Monitor (PDF)*

Attachment 5. Permit 4/Year 4 (FY2022) Inspection Reports for Outfalls Categorized as *Clear (PDF)*

Attachment 1

Permit 4/Year 4 (FY2022) Dry Weather Field Screening Results Table

Attachment 2

Permit 4/Year 4 (FY2022) Inspection Reports for Outfalls Categorized as *Illicit*

Attachment 3

Permit 4/Year 4 (FY2022) Inspection Reports for Outfalls Categorized as *Suspect – Investigate*

Attachment 4

Permit 4/Year 4 (FY2022) Inspection Reports for Outfalls Categorized as *Suspect – Monitor*

Attachment 5

Permit 4/Year 4 (FY2022) Inspection Reports for Outfalls Categorized as *Clear*

Appendix G

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 |
|------------------------------|----------|--------|--------------------------------|-------------------------|-------------------------|----------------------------------|--------------------------|---------------------------------|---------------------------|
| 1504 Ribbon Limestone Ter Se | 11876293 | Closed | Vehicle Maintenance Activities | 4/25/2022 | 4/25/2022 | Resident Email | Isolated Incident | Public Education | 5/2/2022 |
| 20828 Waterbeach Pl | 10833294 | Closed | Dumping - Debris | 9/19/2021 | 9/19/2021 | LEx | Isolated Incident | Public Education | 9/22/2021 |
| 42152 Claudia Drive | 12208305 | Closed | Grease Bin | 6/22/2022 | 6/22/2022 | County Staff | No Action Required | None | 7/19/2022 |
| 43112 John Mosby Hwy | 10985238 | Closed | Under investigation | 10/15/2021 | 10/18/2021 | Referral from other municipality | No Action Required | None | 1/26/2022 |
| 43170 Gloucester Pkwy | 11673247 | Closed | Fueling Activities | 3/15/2022 | 3/17/2022 | Resident Email | No Action Required | Direct to relevant municipality | 4/4/2022 |
| 745 East Main Street | 10446619 | Closed | Grease Bin | 7/14/2021 | 7/14/2021 | Resident Email | Isolated Incident | None | 7/20/2021 |
| 801 Sycolin Rd #300 | 10985191 | Closed | Washwater | 10/18/2021 | 10/18/2021 | Resident Email | None | None | 10/26/2021 |
| AB1928 | 11776538 | Closed | Salt Storage | 3/30/2022 | 4/5/2022 | Dry Weather Screening | Source Eliminated | Public Education | 6/8/2022 |
| AB1935 | 12117638 | Closed | Under investigation | 3/30/2022 | 5/27/2022 | Dry Weather Screening | No Action Required | None | 6/8/2022 |
| AB3403 | 12038736 | Closed | HVAC Condensate - Commercial | 3/7/2022 | 4/15/2022 | Dry Weather Screening | Allowable Discharge | None | 5/25/2022 |
| AB552 | 11283141 | Closed | Pool Water | 12/21/2021 | 12/21/2021 | Phone Call to County Staff | No Action Required | None | 12/30/2021 |
| AJ4009 | 10460236 | Closed | Dumping - Unknown Material | 7/15/2021 | 7/15/2021 | Resident Email | Isolated Incident | Public Education | 9/20/2021 |
| CH11139 | 11994943 | Closed | Dumping - Paint | 5/17/2022 | 5/17/2022 | LEx | Isolated Incident | Public Education | 6/28/2022 |

| 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 |
|------------|----------|--------|-----------------------------|-------------------------|-------------------------|----------------------------|--------------------------|--|---------------------------|
| CH1833 | 11861490 | Closed | Not Applicable | 4/25/2022 | 4/25/2022 | Resident Email | No Action Required | Public Education | 5/18/2022 |
| CH1950_b | 12039326 | Closed | Groundwater | 3/21/2022 | 5/2/2022 | Dry Weather Screening | Allowable Discharge | None | 5/25/2022 |
| CH3907 | 12031311 | Closed | Dumping - Debris | 5/18/2022 | 5/18/2022 | Resident Email | Isolated Incident | Public Education | 6/6/2022 |
| CH5836 | 10780238 | Closed | Pool Water | 9/9/2021 | 9/9/2021 | Dry Weather Screening | No Action Required | Include in next year's Dry Weather Screening | 9/7/2022 |
| CP1123 | 11962288 | Closed | Stone Cutting Activities | 5/10/2022 | 5/10/2022 | County Staff | Source Eliminated | Include in next year's Dry Weather Screening | 7/8/2022 |
| CP1555 | 11851912 | Closed | Salt Storage | 4/19/2022 | 4/19/2022 | County Staff | Source Eliminated | Public Education | 5/31/2022 |
| CP9432 | 11673947 | Closed | Salt Storage | 3/17/2022 | 3/16/2022 | Dry Weather Screening | Isolated Incident | Public Education | 3/24/2022 |
| DB106 | 11776639 | Closed | None | 4/6/2022 | 4/5/2022 | Dry Weather Screening | Allowable Discharge | None | 8/30/2022 |
| DB1515_a | 12038447 | Closed | Groundwater | 3/16/2022 | 5/2/2022 | Dry Weather Screening | Allowable Discharge | None | 5/25/2022 |
| DB2400 | 10779770 | Closed | Under investigation | 9/9/2021 | 9/9/2021 | Dry Weather Screening | Allowable Discharge | None | 1/26/2022 |
| DB2424 | 11710069 | Closed | Pool Water | 3/24/2022 | 3/24/2022 | County Staff | Allowable Discharge | None | 3/24/2022 |
| DB2434 | 12128955 | Open | Grease Bin | 6/6/2022 | 6/6/2022 | Phone Call to County Staff | Source Eliminated | None | N/A |

| 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 |
|------------|----------|--------|--------------------------------|-------------------------|-------------------------|-----------------------|--------------------------|--|---------------------------|
| DD34 | 11621436 | Closed | Grease Bin | 1/10/2022 | 1/10/2022 | County Staff | Source Eliminated | Include in next year's Dry Weather Screening | 7/8/2022 |
| GC1540 | 12036705 | Closed | Not Applicable | 3/7/2022 | 4/15/2022 | Dry Weather Screening | Allowable Discharge | None | 5/25/2022 |
| GC609 | 11283036 | Closed | Vehicle Maintenance Activities | 12/10/2021 | 12/10/2021 | Resident Email | No Action Required | None | 1/5/2022 |
| JC10029 | 11678135 | Closed | Not Applicable | 3/15/2022 | 3/17/2022 | County Staff | None | Public Education | 4/20/2022 |
| JC30243 | 12083781 | Closed | Pool Water | 5/31/2022 | 5/31/2022 | Dry Weather Screening | No Action Required | Include in next year's Dry Weather Screening | 6/8/2022 |
| JC398 | 11569169 | Closed | Grease Bin | 2/24/2022 | 2/24/2022 | LEx | Source Eliminated | Public Education | 4/15/2022 |
| JC4640 | 12065211 | Open | Grease Bin | 3/30/2022 | 5/26/2022 | Dry Weather Screening | Ongoing | Issue additional NOV(s) per SOP | N/A |
| KW230 | 11690806 | Open | Under investigation | 3/16/2022 | 3/17/2022 | Dry Weather Screening | Ongoing | Issue additional NOV(s) per SOP | N/A |
| ME1462 | 12033679 | Closed | Vehicle Maintenance Activities | 5/11/2022 | 5/11/2022 | County Staff | Isolated Incident | Public Education | 7/8/2022 |
| ME2485 | 12064323 | Closed | Dumping - Sediment | 5/30/2022 | 5/30/2022 | Resident Email | Isolated Incident | Public Education | 7/8/2022 |
| ME2500 | 12002150 | Closed | Grease Bin | 5/12/2022 | 5/12/2022 | County Staff | No Action Required | None | 5/18/2022 |

| 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 |
|------------|----------|--------|-----------------------------|-------------------------|-------------------------|-----------------------|--------------------------|--|---------------------------|
| QC50107 | 11674732 | Closed | Dumping - Unknown Material | 3/10/2022 | 3/16/2022 | County Staff | Source Eliminated | Include in next year's Dry Weather Screening | 6/29/2022 |
| RA1656 | 10780540 | Closed | Dumping - Debris | 9/5/2021 | 9/5/2021 | LEx | Source Eliminated | None | 9/13/2021 |
| RA6354 | 11586406 | Closed | Food Waste | 2/10/2022 | 2/10/2022 | County Staff | Source Eliminated | None | 7/27/2022 |
| UG0012 | 11774556 | Closed | Dumping - Unknown Material | 3/23/2022 | 4/5/2022 | County Staff | No Action Required | Direct to relevant municipality | 4/20/2022 |
| WB30423 | 12080108 | Closed | Pool Water | 5/31/2022 | 5/31/2022 | Dry Weather Screening | No Action Required | Include in next year's Dry Weather Screening | 7/27/2022 |
| WB30551 | 11803347 | Closed | Maintenance Activities | 3/2/2022 | 4/8/2022 | County Staff | Allowable Discharge | None | 5/16/2022 |
| WJ2157 | 12033974 | Open | Under investigation | 5/11/2022 | 5/12/2022 | Dry Weather Screening | Ongoing | Additional site visits per SOP | N/A |
| WT0002 | 11870886 | Open | Dumping - Debris | 3/31/2022 | 3/31/2022 | County Staff | Ongoing | Issue additional NOV(s) per SOP | N/A |

Appendix H

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 I

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.

A handwritten signature in blue ink that reads "James P. Edmonds". The signature is written over a horizontal line.

Name: James P. Edmonds

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

Appendix J

BMP Inspections

Loudoun County Virginia

BMPs Identified Within the MS4 Area from July 1, 2021 - June 30, 2022

| FCTID | BMP Type | BMP Sub Type | Acres Treated | Pervious Acres | Imperv. Acres | Online Date | VAHUC6 | Owner | Maint. Agmnt. | Last Inspection | Longitude | Latitude |
|--------|-------------------|--------------|---------------|----------------|---------------|-------------|--------|---------|---------------|-----------------|------------|-----------|
| BT0125 | Bioret | | 3.47 | 2.90 | 0.57 | 10/1/2021 | PL20 | County | Yes | On Bond | -77.456865 | 39.070832 |
| BT0129 | Bioret | | 0.50 | 0.32 | 0.18 | 2/8/2022 | PL19 | County | Yes | On Bond | -77.440104 | 39.018958 |
| BT0130 | Bioret | | 0.82 | 0.41 | 0.41 | 2/8/2022 | PL19 | County | Yes | On Bond | -77.453355 | 39.033962 |
| BT0131 | Bioret | | 4.23 | 2.52 | 1.71 | 2/23/2022 | PL19 | County | Yes | On Bond | -77.436741 | 39.001341 |
| BT0132 | Bioret | | 0.61 | 0.32 | 0.28 | 2/23/2022 | PL19 | County | Yes | On Bond | -77.438085 | 39.003150 |
| BT0133 | Bioret | | 1.00 | 0.18 | 0.82 | 2/23/2022 | PL19 | Private | Yes | 6/14/2022 | -77.491175 | 39.011575 |
| UG0178 | Undrgrnddet | | 4.16 | 3.98 | 0.18 | 10/1/2021 | PL19 | Private | Yes | On Bond | -77.434228 | 39.027122 |
| UG0179 | BayFilter | | 0.57 | 0.57 | 0.00 | 10/1/2021 | PL19 | Private | Yes | On Bond | -77.434351 | 39.027344 |
| UG0180 | Strmftr | | 11.97 | 3.43 | 8.54 | 10/1/2021 | PL19 | Private | Yes | On Bond | -77.434639 | 39.025769 |
| UG0181 | Undrgrnddet | | 0.41 | 0.00 | 0.41 | 10/1/2021 | PL19 | County | Yes | On Bond | -77.460886 | 39.039091 |
| UG0182 | Undrgrnddet | | 0.22 | 0.00 | 0.22 | 10/1/2021 | PL19 | County | Yes | On Bond | -77.460899 | 39.038805 |
| UG0183 | Undrgrnddet | | 0.68 | 0.00 | 0.68 | 10/1/2021 | PL19 | County | Yes | On Bond | -77.460109 | 39.038170 |
| WP0089 | Pnd_Wet | | 11.80 | 5.36 | 6.43 | 10/1/2021 | PL19 | County | Yes | On Bond | -77.435270 | 39.025991 |
| WP0092 | Pnd_Wet | | 5.66 | 5.28 | 0.38 | 1/18/2022 | PL19 | County | Yes | On Bond | -77.481971 | 39.068888 |
| WP0094 | Pnd_Wet | Retention | 4.51 | 2.18 | 2.33 | 2/8/2022 | PL19 | County | Yes | On Bond | -77.439580 | 39.017876 |
| WP0095 | Pnd_Wet | Retention | 1.46 | 1.46 | 0.00 | 2/8/2022 | PL19 | County | Yes | On Bond | -77.440671 | 39.017734 |
| WP0096 | Pnd_Wet | | 2.75 | 2.35 | 0.39 | 2/8/2022 | PL19 | County | Yes | On Bond | -77.451512 | 39.034603 |
| WT0003 | Wetland | | 0.72 | 0.72 | 0.00 | 10/1/2021 | PL19 | County | Yes | On Bond | -77.460338 | 39.038811 |
| BT0126 | Bioret | | 0.00 | 0.00 | 0.00 | 12/8/2021 | ** | County | Yes | On Bond | -77.436203 | 38.997730 |
| BT0127 | Bioret | | 0.00 | 0.00 | 0.00 | 12/8/2021 | ** | County | Yes | On Bond | -77.436912 | 38.997773 |
| BT0128 | Bioret | | 0.00 | 0.00 | 0.00 | 12/8/2021 | ** | County | Yes | On Bond | -77.436166 | 38.995541 |
| BT0139 | Bioret | | 0.00 | 0.00 | 0.00 | 5/9/2022 | ** | County | Yes | On Bond | -77.566563 | 38.919052 |
| BT0147 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.495787 | 38.918472 |
| BT0148 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.495955 | 38.918270 |
| BT0149 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.495991 | 38.917984 |
| BT0150 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.496098 | 38.916848 |
| BT0151 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.496111 | 38.916608 |
| BT0152 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.496123 | 38.916355 |
| BT0153 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.493873 | 38.917858 |
| BT0154 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.493891 | 38.917612 |
| BT0155 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.493903 | 38.917401 |
| BT0156 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.493979 | 38.916526 |
| BT0157 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.493996 | 38.916319 |
| BT0158 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.494003 | 38.916108 |
| BT0159 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.494025 | 38.915875 |
| BT0160 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.493372 | 38.915763 |
| BT0161 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.493677 | 38.916209 |
| BT0162 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.493575 | 38.917599 |
| BT0163 | Bioret | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | County | Yes | On Bond | -77.493180 | 38.918003 |
| DS0028 | Dry_Swale | | 0.00 | 0.00 | 0.00 | 6/30/2022 | ** | County | Yes | On Bond | -77.446487 | 38.983022 |
| FT0060 | Fltrra | | 0.00 | 0.00 | 0.00 | 5/5/2022 | ** | County | Yes | On Bond | -77.431202 | 39.006702 |
| FT0061 | Fltrra | | 0.00 | 0.00 | 0.00 | 5/5/2022 | ** | County | Yes | On Bond | -77.431645 | 39.008201 |
| FT0062 | Fltrra | | 0.00 | 0.00 | 0.00 | 5/9/2022 | ** | County | Yes | On Bond | -77.377608 | 39.048758 |
| PA0018 | Pervious_Pavement | StormTech | 0.00 | 0.00 | 0.00 | 10/1/2021 | ** | Private | Yes | On Bond | -77.480972 | 39.074332 |
| PA0019 | Pervious_Pavement | | 0.00 | 0.00 | 0.00 | 10/1/2021 | ** | Private | Yes | On Bond | -77.481277 | 39.074473 |
| UG0184 | Undrgrnddet | StormTech | 0.00 | 0.00 | 0.00 | 10/1/2021 | ** | Private | Yes | On Bond | -77.480218 | 39.075382 |
| UG0185 | Undrgrnddet | StormTech | 0.00 | 0.00 | 0.00 | 10/1/2021 | ** | Private | Yes | On Bond | -77.481413 | 39.075406 |
| UG0190 | CDS | | 0.00 | 0.00 | 0.00 | 3/28/2022 | ** | Private | Yes | On Bond | -77.432906 | 39.006450 |
| UG0191 | Jellyfish | | 0.00 | 0.00 | 0.00 | 3/28/2022 | ** | Private | Yes | On Bond | -77.432338 | 39.006319 |
| UG0192 | Jellyfish | | 0.00 | 0.00 | 0.00 | 3/28/2022 | ** | Private | Yes | On Bond | -77.431757 | 39.005933 |
| UG0193 | CDS | | 0.00 | 0.00 | 0.00 | 5/5/2022 | ** | County | Yes | On Bond | -77.430926 | 39.005752 |
| UG0194 | CDS | | 0.00 | 0.00 | 0.00 | 5/5/2022 | ** | County | Yes | On Bond | -77.432683 | 39.009277 |
| UG0197 | Jellyfish | | 0.00 | 0.00 | 0.00 | 5/9/2022 | ** | Private | Yes | On Bond | -77.467170 | 39.011174 |
| UG0200 | Jellyfish | | 0.00 | 0.00 | 0.00 | 6/30/2022 | ** | Private | Yes | On Bond | -77.474172 | 39.008879 |

Loudoun County Virginia

BMPs Identified Within the MS4 Area from July 1, 2021 - June 30, 2022

| FCTID | BMP Type | BMP Sub Type | Acres Treated | Pervious Acres | Imperv. Acres | Online Date | VAHUC6 | Owner | Maint. Agmnt. | Last Inspection | Longitude | Latitude |
|--------|-------------|--------------|---------------|----------------|---------------|-------------|--------|---------|---------------|-----------------|------------|-----------|
| UG0201 | Jellyfish | | 0.00 | 0.00 | 0.00 | 6/30/2022 | ** | Private | Yes | On Bond | -77.471987 | 39.012943 |
| UG0202 | Barracuda | Barracuda_S8 | 0.00 | 0.00 | 0.00 | 6/30/2022 | ** | Private | Yes | On Bond | -77.469889 | 39.013460 |
| UG0203 | Jellyfish | | 0.00 | 0.00 | 0.00 | 6/30/2022 | ** | Private | Yes | On Bond | -77.472954 | 39.012687 |
| UG0204 | Jellyfish | | 0.00 | 0.00 | 0.00 | 6/30/2022 | ** | Private | Yes | On Bond | -77.470921 | 39.013184 |
| UG0205 | Undrgrnddet | | 0.00 | 0.00 | 0.00 | 6/30/2022 | ** | Private | Yes | On Bond | -77.468958 | 39.013925 |
| UG0206 | Undrgrnddet | | 0.00 | 0.00 | 0.00 | 6/30/2022 | ** | Private | Yes | On Bond | -77.474353 | 39.009038 |
| UG0207 | CDS | | 0.00 | 0.00 | 0.00 | 6/30/2022 | ** | County | Yes | On Bond | -77.446950 | 38.982805 |
| UG0208 | CDS | | 0.00 | 0.00 | 0.00 | 6/30/2022 | ** | County | Yes | On Bond | -77.445898 | 38.982940 |
| UG0210 | Undrgrnddet | | 0.00 | 0.00 | 0.00 | 6/30/2022 | ** | Private | Yes | On Bond | -77.450579 | 39.051842 |
| UG0211 | Undrgrnddet | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | Private | Yes | On Bond | -77.487702 | 39.039450 |
| UG0212 | Strmftr | | 0.00 | 0.00 | 0.00 | 6/29/2022 | ** | Private | Yes | On Bond | -77.487720 | 39.039312 |
| WP0090 | Pnd_Wet | | 0.00 | 0.00 | 0.00 | 12/8/2021 | ** | County | Yes | On Bond | -77.436666 | 38.997116 |
| WP0093 | Pnd_Wet | | 0.00 | 0.00 | 0.00 | 1/24/2022 | ** | County | Yes | On Bond | -77.469170 | 38.996747 |
| WP0097 | Pnd_Wet | Retention | 0.00 | 0.00 | 0.00 | 5/5/2022 | ** | County | Yes | On Bond | -77.432832 | 39.009529 |
| WP0098 | Pnd_Wet | Retention | 0.00 | 0.00 | 0.00 | 5/5/2022 | ** | County | Yes | On Bond | -77.432192 | 39.005847 |
| WP0099 | Pnd_Wet | Retention | 0.00 | 0.00 | 0.00 | 5/9/2022 | ** | County | Yes | On Bond | -77.540903 | 38.913208 |
| WP0100 | Pnd_Wet | Retention | 0.00 | 0.00 | 0.00 | 5/9/2022 | ** | County | Yes | On Bond | -77.542927 | 38.910477 |
| WP0107 | Pnd_Wet | Retention | 0.00 | 0.00 | 0.00 | 6/30/2022 | ** | County | Yes | On Bond | -77.415797 | 39.035446 |

Loudoun County Virginia

BMP Inspections (Private Ownership) Within the MS4 Area from July 1, 2021 - June 30, 2022

| FCTID | BMP Type | Inspection Date | Functioning As Designed | Enforcement Action Taken |
|---------|-----------------------|-----------------|-------------------------|--------------------------------------|
| AB1658A | Underground Detention | 2022-01-10 | Not Fx as designed | Maintenance Required Letter Sent |
| AJ847 | Pnd_Dry | 2022-02-16 | Not Fx as designed | Maintenance Required Letter Sent |
| BC26 | Underground Detention | 2022-01-25 | Fx as designed | Preventative Maintenance Letter Sent |
| BC34 | Pnd_Dry | 2021-12-29 | Fx as designed | Preventative Maintenance Letter Sent |
| BC40 | Underground Detention | 2022-01-06 | Not Fx as designed | Maintenance Required Letter Sent |
| CH2034 | Pnd_Dry | 2022-01-10 | Fx as designed | Preventative Maintenance Letter Sent |
| CH8845 | Pnd_Dry | 2022-02-28 | Not Fx as designed | Maintenance Required Letter Sent |
| CP8190 | Stormceptor | 2022-01-31 | Fx as designed | Preventative Maintenance Letter Sent |
| CP8301 | Stormceptor | 2022-01-31 | Fx as designed | Preventative Maintenance Letter Sent |
| CP8690 | Pnd_Wet | 2022-01-21 | Fx as designed | Preventative Maintenance Letter Sent |
| DD103 | BaySaver | 2021-12-21 | Fx as designed | Preventative Maintenance Letter Sent |
| DD24 | Undrgrnddet | 2022-01-06 | Fx as designed | Preventative Maintenance Letter Sent |
| DD25 | Stormceptor | 2022-01-06 | Fx as designed | Preventative Maintenance Letter Sent |
| DD27 | Underground Detention | 2022-01-06 | Fx as designed | Preventative Maintenance Letter Sent |
| DD28 | StormFilter | 2021-12-29 | Fx as designed | Preventative Maintenance Letter Sent |
| DD30 | StormFilter | 2021-12-29 | Fx as designed | Preventative Maintenance Letter Sent |
| DD62 | BaySaver | 2022-01-31 | Fx as designed | Preventative Maintenance Letter Sent |
| DD63 | BaySaver | 2022-01-31 | Fx as designed | Preventative Maintenance Letter Sent |
| DD77 | StormTreat | 2022-03-24 | Not Fx as designed | Maintenance Required Letter Sent |
| DF119 | Pnd_Wet | 2022-04-25 | Fx as designed | Preventative Maintenance Letter Sent |
| KS0369 | Underground Detention | 2022-01-04 | Fx as designed | Preventative Maintenance Letter Sent |
| KS0390 | Bioret | 2021-09-30 | Fx as designed | Preventative Maintenance Letter Sent |
| MD2890 | Pnd_Wet | 2022-04-19 | Not Fx as designed | Maintenance Required Letter Sent |
| ME1529 | Pnd_Dry | 2022-03-14 | Fx as designed | Preventative Maintenance Letter Sent |
| RA0365 | Bioret | 2021-09-30 | Fx as designed | Preventative Maintenance Letter Sent |
| RJ0016 | StormFilter | 2022-01-06 | Fx as designed | Preventative Maintenance Letter Sent |
| RJ0023 | Underground Detention | 2022-05-10 | Fx as designed | Preventative Maintenance Letter Sent |
| RJ0136 | Pnd_Dry | 2022-01-21 | Fx as designed | Preventative Maintenance Letter Sent |
| RJ0219 | StormFilter | 2022-02-01 | Fx as designed | Preventative Maintenance Letter Sent |
| SP22 | Underground Detention | 2022-01-06 | Not Fx as designed | Maintenance Required Letter Sent |
| SR735 | Pnd_Dry | 2022-03-14 | Fx as designed | Preventative Maintenance Letter Sent |
| UG0037 | Stormfilter | 2022-04-19 | Fx as designed | Preventative Maintenance Letter Sent |
| UG0038 | Stormfilter | 2022-04-19 | Fx as designed | Preventative Maintenance Letter Sent |
| UG0118 | Underground Detention | 2022-05-26 | Fx as designed | Preventative Maintenance Letter Sent |
| UG0119 | Underground Detention | 2022-05-26 | Fx as designed | Preventative Maintenance Letter Sent |
| UG0120 | Underground Detention | 2022-05-26 | Fx as designed | Preventative Maintenance Letter Sent |
| UG0121 | Jellyfish | 2022-05-26 | Fx as designed | Preventative Maintenance Letter Sent |
| WP3096 | BaySaver | 2022-02-01 | Fx as designed | Preventative Maintenance Letter Sent |
| KS0431 | Bioret | 8/19/2020 | Fx as designed | Maintenance Required Letter Sent |
| KW81 | Pnd_Wet | 1/8/2021 | Fx as designed | Maintenance Required Letter Sent |
| ME4584 | Pnd_Wet | 1/14/2021 | Fx as designed | Preventative Maintenance Letter Sent |
| ME5386 | Pnd_Dry | 1/20/2021 | Fx as designed | Preventative Maintenance Letter Sent |
| RC6 | Pnd_Wet | 12/2/2020 | Fx as designed | Preventative Maintenance Letter Sent |
| RC7 | Pnd_Wet | 12/2/2020 | Fx as designed | Preventative Maintenance Letter Sent |
| RC9 | Pnd_Wet | 12/2/2020 | Fx as designed | Preventative Maintenance Letter Sent |
| RJ0023 | Undrgrnddet | 12/15/2020 | Fx as designed | Preventative Maintenance Letter Sent |
| RJ0219 | Strmftr | 12/15/2020 | Fx as designed | Preventative Maintenance Letter Sent |
| UG0037 | Strmftr | 12/28/2020 | Not fx as designed | Maintenance Required Letter Sent |
| UG0038 | Strmftr | 12/18/2020 | Not fx as designed | Maintenance Required Letter Sent |
| UG0047 | Jellyfish | 12/18/2020 | Fx as designed | NA |
| UG0118 | Undrgrnddet | 12/15/2020 | Fx as designed | Preventative Maintenance Letter Sent |
| UG0119 | Undrgrnddet | 12/15/2020 | Fx as designed | NA |
| UG0120 | Undrgrnddet | 12/15/2020 | Fx as designed | NA |
| UG0121 | Jellyfish | 12/15/2020 | Fx as designed | NA |

Loudoun County Virginia**BMP Inspections (Private Ownership) Within the MS4 Area from July 1, 2021 - June 30, 2022**

| 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, 2021 - June 30, 2022

| FCTID | BMP Type | Inspection Date | Functioning As Designed | Description of Maintenance |
|--------|-------------|-----------------|-------------------------|--|
| AB110 | Pnd_Dry | 2022-02-11 | Fx as designed | N/A |
| AB1304 | Pnd_Dry | 2022-01-10 | Fx as designed | Preventative Maintenance Only |
| AB1350 | Pnd_Dry | 2022-01-10 | Fx as designed | Preventative Maintenance Only |
| AB1418 | Pnd_Wet | 2022-01-10 | Fx as designed | N/A |
| AB1433 | Pnd_Dry | 2022-01-10 | Fx as designed | N/A |
| AB1648 | Pnd_Dry | 2022-01-10 | Fx as designed | Preventative Maintenance Only |
| AB1703 | Pnd_Dry | 2022-01-10 | Fx as designed | N/A |
| AB1935 | CDS | 2022-01-25 | Fx as designed | N/A |
| AB1948 | Pnd_Wet | 2022-01-25 | Fx as designed | N/A |
| AB1980 | Pnd_Dry | 2022-01-25 | Fx as designed | N/A |
| AB2012 | Pnd_Dry | 2022-01-25 | Fx as designed | Preventative Maintenance Only |
| AB2039 | Undrgrnddet | 2022-01-25 | Fx as designed | N/A |
| AB2053 | Undrgrnddet | 2022-01-25 | Fx as designed | N/A |
| AB258 | Pnd_Dry | 2022-02-11 | Fx as designed | Preventative Maintenance Only |
| AB335 | Pnd_Dry | 2022-01-24 | Fx as designed | N/A |
| AB343 | Pnd_Dry | 2022-01-24 | Fx as designed | Preventative Maintenance Only |
| AB386 | Pnd_Dry | 2022-01-24 | Fx as designed | Preventative Maintenance Only |
| AB668 | Pnd_Dry | 2022-02-11 | Fx as designed | Preventative Maintenance Only |
| AB725 | Pnd_Dry | 2022-01-24 | Fx as designed | N/A |
| AB845 | Pnd_Dry | 2022-01-24 | Fx as designed | Preventative Maintenance Only |
| AJ11 | Pnd_Dry | 2022-01-25 | Fx as designed | N/A |
| AJ1114 | Pnd_Dry | 2022-02-22 | Not Fx as designed | Blockage at the low flow. Pipes AJ1090 and AJ1145-sediment and debris obstructions. |
| AJ1129 | Pnd_Dry | 2022-02-21 | Fx as designed | Preventative Maintenance Only |
| AJ1185 | Pnd_Dry | 2022-02-21 | Fx as designed | Preventative Maintenance Only |
| AJ1226 | Pnd_Dry | 2022-02-21 | Fx as designed | Preventative Maintenance Only |
| AJ1232 | Pnd_Wet | 2022-02-21 | Fx as designed | N/A |
| AJ1658 | Pnd_Dry | 2022-02-14 | Fx as designed | Preventative Maintenance Only |
| AJ1684 | Pnd_Wet | 2022-02-15 | Fx as designed | Preventative Maintenance Only |
| AJ1703 | Pnd_Dry | 2022-02-15 | Fx as designed | Preventative Maintenance Only |
| AJ1755 | Pnd_Dry | 2022-01-14 | Fx as designed | N/A |
| AJ180 | Pnd_Dry | 2022-01-25 | Fx as designed | N/A |
| AJ191 | Pnd_Dry | 2022-02-14 | Fx as designed | N/A |
| AJ20 | Pnd_Dry | 2022-01-25 | Fx as designed | Preventative Maintenance Only |
| AJ2110 | Pnd_Dry | 2022-01-21 | Fx as designed | N/A |
| AJ231 | Pnd_Wet | 2022-02-16 | Fx as designed | N/A |
| AJ244 | Pnd_Dry | 2022-01-25 | Fx as designed | Preventative Maintenance Only |
| AJ294 | Pnd_Wet | 2022-02-14 | Fx as designed | Preventative Maintenance Only |
| AJ498 | Pnd_Dry | 2022-03-24 | Fx as designed | Preventative Maintenance Only |
| AJ570 | Strmcptr | 2022-01-06 | Fx as designed | N/A |
| AJ588 | Pnd_Dry | 2022-03-08 | Fx as designed | Preventative Maintenance Only |
| AJ665 | Strmcptr | 2022-01-06 | Not fx as designed | Water level inside facility is low. May be blockage upstream or Stormceptor itself may be leaking water. |
| AJ769 | Pnd_Dry | 2022-02-22 | Fx as designed | Preventative Maintenance Only |
| AJ783 | Pnd_Dry | 2022-02-16 | Fx as designed | Preventative Maintenance Only |
| AJ801 | Pnd_Dry | 2022-02-21 | Fx as designed | Preventative Maintenance Only |
| AJ829 | Pnd_Dry | 2022-02-21 | Fx as designed | Preventative Maintenance Only |
| AJ845 | Pnd_Dry | 2022-02-16 | Fx as designed | Preventative Maintenance Only |
| AJ884 | Pnd_Dry | 2022-02-21 | Not Fx as designed | Remove the blockage at the low flow. Remove the woody vegetation from the dam. |
| AJ938 | Pnd_Dry | 2022-02-21 | Fx as designed | Preventative Maintenance Only |
| BC1 | Pnd_Dry | 2022-01-10 | Fx as designed | Preventative Maintenance Only |
| BC105 | Pnd_Dry | 2022-03-24 | Not Fx as designed | Low flow is blocked. MD2652-debris obstruction. |
| BC108 | Pnd_Dry | 2022-03-08 | Fx as designed | Preventative Maintenance Only |
| BC109 | Pnd_Dry | 2022-03-08 | Not Fx as designed | Blockage at the low flow. |
| BC110 | Pnd_Dry | 2022-03-14 | Fx as designed | N/A |
| BC124 | Undrgrnddet | 2022-01-06 | Fx as designed | N/A |

Loudoun County Virginia

BMP Inspections (Public Ownership) Within the MS4 Area from July 1, 2021 - June 30, 2022

| FCTID | BMP Type | Inspection Date | Functioning As Designed | Description of Maintenance |
|--------|------------|-----------------|-------------------------|--|
| BC125 | Pnd_Dry | 2022-02-11 | Fx as designed | Preventative Maintenance Only |
| BC126 | Pnd_Dry | 2022-02-14 | Fx as designed | Preventative Maintenance Only |
| BC127 | Strmtrt | 2021-12-22 | Not fx as designed | Cannot access StormTreat Str. and buried outlet pipe. Bolts may need to be cut and replaced. |
| BC136 | Baysvr | 2022-06-09 | Fx as designed | N/A |
| BC3 | Pnd_Dry | 2022-02-28 | Fx as designed | Preventative Maintenance Only |
| BC30 | Baysvr | 2022-01-12 | Not fx as designed | The low-flow opening to the storage manhole (MH2) is completely blocked. |
| BC31 | Pnd_Dry | 2022-01-25 | Fx as designed | Preventative Maintenance Only |
| BC35 | Pnd_Dry | 2021-12-29 | Fx as designed | N/A |
| BC36 | Hydroguard | 2021-12-22 | Fx as designed | N/A |
| BC37 | Strmftr | 2022-01-06 | Fx as designed | N/A |
| BC38 | Undgrnddet | 2022-01-06 | Not fx as designed | Buried low-flow orifice and an area of complete CMP deterioration, making underlying gravel visible. |
| BC39 | Baysvr | 2022-01-24 | Fx as designed | N/A |
| BC55 | Pnd_Wet | 2022-01-14 | Fx as designed | N/A |
| BC57 | Bioret | 2021-09-10 | Fx as designed | N/A |
| BC59 | Pnd_Dry | 2022-02-15 | Fx as designed | N/A |
| BC60 | Pnd_Wet | 2022-02-01 | Fx as designed | Preventative Maintenance Only |
| BC63 | Pnd_Dry | 2022-02-21 | Fx as designed | Preventative Maintenance Only |
| BC64 | Pnd_Dry | 2022-03-15 | Fx as designed | N/A |
| BC65 | Pnd_Dry | 2022-02-23 | Fx as designed | Preventative Maintenance Only |
| BC68 | Pnd_Wet | 2022-02-01 | Fx as designed | N/A |
| BC69 | Pnd_Wet | 2022-02-01 | Fx as designed | N/A |
| BC7 | Pnd_Dry | 2022-01-25 | Fx as designed | N/A |
| BC71 | Undgrnddet | 2022-01-05 | Fx as designed | N/A |
| BC74 | Strmtrt | 2021-12-22 | Not fx as designed | Cannot access StormTreat Str. and buried outlet pipe. Bolts may need to be cut and replaced. |
| BC75 | Strmtrt | 2021-12-22 | Not fx as designed | Cannot access StormTreat Str. and buried outlet pipe. Bolts may need to be cut and replaced. |
| BC76 | Strmtrt | 2021-12-22 | Not fx as designed | Cannot access StormTreat Str. and buried outlet pipe. Bolts may need to be cut and replaced. |
| BC77 | Strmtrt | 2021-12-22 | Not fx as designed | Cannot access StormTreat Str. and buried outlet pipe. Bolts may need to be cut and replaced. |
| BC8 | Pnd_Dry | 2022-01-12 | Fx as designed | Preventative Maintenance Only |
| BT0005 | Bioret | 2022-05-24 | Fx as designed | N/A |
| BT0014 | Bioret | 2022-05-16 | Fx as designed | Preventative Maintenance Only |
| BT0022 | Bioret | 2022-06-01 | Fx as designed | N/A |
| BT0023 | Bioret | 2022-06-01 | Fx as designed | N/A |
| BT0027 | Bioret | 2022-04-25 | Fx as designed | N/A |
| BT0028 | Bioret | 2022-07-12 | Fx as designed | N/A |
| BT0029 | Bioret | 2022-07-12 | Fx as designed | N/A |
| BT0036 | Bioret | 2022-05-24 | Fx as designed | Preventative Maintenance Only |
| BT0038 | Bioret | 2022-05-16 | Fx as designed | N/A |
| BT0043 | Bioret | 2022-04-25 | Fx as designed | Preventative Maintenance Only |
| BT0044 | Bioret | 2022-04-25 | Fx as designed | Preventative Maintenance Only |
| BT0046 | Bioret | 2022-05-16 | Fx as designed | N/A |
| BT0047 | Bioret | 2022-05-16 | Fx as designed | N/A |
| BT0048 | Bioret | 2022-05-16 | Fx as designed | N/A |
| BT0049 | Bioret | 2022-05-16 | Fx as designed | N/A |
| BT0050 | Bioret | 2022-05-16 | Fx as designed | N/A |
| BT0051 | Bioret | 2022-05-16 | Fx as designed | N/A |
| BT0052 | Bioret | 2022-05-16 | Fx as designed | N/A |
| BT0053 | Bioret | 2022-05-13 | Fx as designed | N/A |
| BT0062 | Bioret | 2022-05-26 | Fx as designed | N/A |
| BT0064 | Bioret | 2022-05-17 | Fx as designed | N/A |
| BT0065 | Bioret | 2022-05-26 | Fx as designed | Preventative Maintenance Only |
| BT0133 | Bioret | 2022-06-14 | Fx as designed | Preventative Maintenance Only |
| CH1922 | Pnd_Wet | 2022-01-12 | Fx as designed | Preventative Maintenance Only |
| CH2180 | Pnd_Dry | 2022-01-25 | Fx as designed | Preventative Maintenance Only |
| CH2388 | Pnd_Dry | 2022-02-14 | Fx as designed | N/A |

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| FCTID | BMP Type | Inspection Date | Functioning As Designed | Description of Maintenance |
|---------|----------|-----------------|-------------------------|--|
| CH2478 | Pnd_Dry | 2022-02-14 | Fx as designed | Preventative Maintenance Only |
| CH25 | Pnd_Dry | 2022-02-11 | Fx as designed | N/A |
| CH3180 | Pnd_Dry | 2022-03-08 | Fx as designed | Preventative Maintenance Only |
| CH3224 | Pnd_Dry | 2022-03-08 | Fx as designed | Preventative Maintenance Only |
| CH3246 | Pnd_Dry | 2022-03-08 | Fx as designed | Preventative Maintenance Only |
| CH3265 | Pnd_Dry | 2022-03-08 | Fx as designed | Preventative Maintenance Only |
| CH3284 | Pnd_Dry | 2022-03-08 | Fx as designed | N/A |
| CH3294 | Pnd_Dry | 2022-03-08 | Fx as designed | Preventative Maintenance Only |
| CH3332 | Pnd_Dry | 2022-03-08 | Fx as designed | Preventative Maintenance Only |
| CH3410 | Pnd_Dry | 2022-03-08 | Fx as designed | Preventative Maintenance Only |
| CH3417 | Pnd_Dry | 2022-03-08 | Fx as designed | N/A |
| CH3445 | Pnd_Wet | 2022-03-08 | Fx as designed | Preventative Maintenance Only |
| CH3465 | Pnd_Dry | 2022-03-14 | Fx as designed | N/A |
| CH3472 | Pnd_Dry | 2022-03-08 | Fx as designed | N/A |
| CH3482 | Pnd_Dry | 2022-03-08 | Fx as designed | Preventative Maintenance Only |
| CH3522 | Pnd_Dry | 2022-03-14 | Fx as designed | N/A |
| CH3568 | Pnd_Dry | 2022-02-28 | Fx as designed | Preventative Maintenance Only |
| CH3653 | Pnd_Dry | 2022-02-23 | Fx as designed | Preventative Maintenance Only |
| CH3703 | Pnd_Dry | 2022-02-23 | Fx as designed | Preventative Maintenance Only |
| CH3722 | Pnd_Wet | 2022-02-23 | Fx as designed | N/A |
| CH3994 | Pnd_Dry | 2022-02-23 | Fx as designed | N/A |
| CH4115 | Pnd_Dry | 2022-02-14 | Fx as designed | Preventative Maintenance Only |
| CH4116 | Pnd_Dry | 2022-01-25 | Fx as designed | N/A |
| CH4135 | Pnd_Wet | 2022-02-28 | Fx as designed | N/A |
| CH4149 | Pnd_Dry | 2022-02-23 | Fx as designed | Preventative Maintenance Only |
| CH4206 | Pnd_Wet | 2022-02-28 | Fx as designed | Preventative Maintenance Only |
| CH4243 | Pnd_Dry | 2022-02-23 | Fx as designed | Preventative Maintenance Only |
| CH4249 | Pnd_Dry | 2022-02-23 | Not Fx as designed | Outfall is blocked. |
| CH4311 | Pnd_Wet | 2022-02-23 | Fx as designed | N/A |
| CH4573 | Pnd_Dry | 2022-04-19 | Fx as designed | Preventative Maintenance Only |
| CH4586 | Pnd_Dry | 2022-02-16 | Fx as designed | Preventative Maintenance Only |
| CH4615 | Pnd_Dry | 2022-02-16 | Fx as designed | Preventative Maintenance Only |
| CH4646 | Pnd_Dry | 2022-02-22 | Fx as designed | N/A |
| CH4684 | Pnd_Dry | 2022-02-21 | Fx as designed | Preventative Maintenance Only |
| CH4702 | Pnd_Dry | 2022-02-22 | Fx as designed | N/A |
| CH4726 | Pnd_Dry | 2022-02-23 | Fx as designed | N/A |
| CH4739 | Pnd_Dry | 2022-02-23 | Fx as designed | N/A |
| CH4789 | Pnd_Dry | 2022-02-22 | Fx as designed | N/A |
| CH4809 | Pnd_Dry | 2022-02-22 | Fx as designed | Preventative Maintenance Only |
| CH4821 | Pnd_Dry | 2022-02-22 | Fx as designed | Preventative Maintenance Only |
| CH5745 | Pnd_Wet | 2022-01-10 | Fx as designed | Preventative Maintenance Only |
| CH5856 | Pnd_Dry | 2022-01-12 | Fx as designed | Preventative Maintenance Only |
| CH6231 | Pnd_Wet | 2022-02-15 | Fx as designed | N/A |
| CH6270 | Pnd_Dry | 2022-01-25 | Fx as designed | N/A |
| CH6580 | Pnd_Wet | 2022-02-15 | Fx as designed | Preventative Maintenance Only |
| CH788 | Pnd_Dry | 2022-01-24 | Not Fx as designed | Remove the blockage at the low flow orifice. Pipe CH687-debris obstruction |
| CH792 | Pnd_Dry | 2022-03-24 | Fx as designed | N/A |
| CH8797 | Pnd_Dry | 2022-02-22 | Fx as designed | Preventative Maintenance Only |
| CK1001 | Pnd_Dry | 2022-03-14 | Fx as designed | N/A |
| CP10202 | Pnd_Wet | 2022-02-22 | Fx as designed | Preventative Maintenance Only |
| CP10270 | Pnd_Dry | 2022-01-14 | Fx as designed | Preventative Maintenance Only |
| CP10293 | Strmftr | 2022-01-05 | Fx as designed | N/A |
| CP10299 | CDS | 2022-01-05 | Fx as designed | N/A |
| CP10336 | Strmftr | 2022-01-05 | Fx as designed | N/A |

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| FCTID | BMP Type | Inspection Date | Functioning As Designed | Description of Maintenance |
|--------|------------|-----------------|-------------------------|---|
| CP2411 | Baysvr | 2022-01-24 | Fx as designed | N/A |
| CP2463 | Strmfldr | 2022-01-05 | Fx as designed | N/A |
| CP2471 | Strmcptr | 2021-12-22 | Fx as designed | N/A |
| CP3115 | Pnd_Dry | 2022-02-28 | Fx as designed | Preventative Maintenance Only |
| CP406 | Bioret | 2021-09-10 | Fx as designed | Preventative Maintenance Only |
| CP407 | Bioret | 2021-09-10 | Fx as designed | N/A |
| CP420 | Bioret | 2021-09-10 | Fx as designed | Preventative Maintenance Only |
| CP421 | Bioret | 2021-09-10 | Fx as designed | Preventative Maintenance Only |
| CP422 | Bioret | 2021-09-10 | Fx as designed | N/A |
| CP439 | Bioret | 2021-09-10 | Fx as designed | Preventative Maintenance Only |
| CP445 | Bioret | 2021-09-10 | Fx as designed | N/A |
| CP446 | Bioret | 2021-09-10 | Fx as designed | N/A |
| CP772 | Undgrnddet | 2022-01-04 | Not fx as designed | Non-functional due to open or partially open dewatering valve as well as deterioration on Bilco doors. |
| CP8070 | Pnd_Wet | 2022-01-25 | Fx as designed | Preventative Maintenance Only |
| CP8480 | Pnd_Wet | 2021-12-29 | Fx as designed | N/A |
| CP8645 | Strmfldr | 2022-01-05 | Fx as designed | N/A |
| CP8648 | Strmfldr | 2022-01-05 | Fx as designed | N/A |
| CP8650 | Strmfldr | 2022-01-05 | Fx as designed | N/A |
| CP8695 | Pnd_Wet | 2022-01-21 | Fx as designed | N/A |
| CP878 | Bioret | 2021-09-30 | Fx as designed | N/A |
| CP8846 | Bioret | 2021-09-10 | Fx as designed | Preventative Maintenance Only |
| CP9111 | Bioret | 2021-09-10 | Fx as designed | N/A |
| CP9231 | Pnd_Wet | 2022-03-21 | Fx as designed | N/A |
| CS12 | Strmcptr | 2022-01-10 | Fx as designed | N/A |
| CS13 | Bioret | 2022-05-16 | Fx as designed | Preventative Maintenance Only |
| CS14 | Strmfldr | 2022-01-24 | Fx as designed | N/A |
| CW2 | Pnd_Dry | 2021-12-29 | Not Fx as designed | Trash rack blocked. Low flow blocked. CP10406-vegetation obstruction |
| CW8 | Pnd_Dry | 2021-12-29 | Fx as designed | Preventative Maintenance Only |
| DB106 | Pnd_Dry | 2022-01-25 | Fx as designed | Preventative Maintenance Only |
| DD104 | Strmcptr | 2021-12-21 | Fx as designed | N/A |
| DD105 | Strmcptr | 2021-12-21 | Fx as designed | N/A |
| DD111 | Strmfldr | 2022-05-10 | Not fx as designed | Water level within the filter chamber is very high, indicating a potential blockage in the underdrains. |
| DD112 | Strmfldr | 2022-05-10 | Fx as designed | N/A |
| DD118 | Strmfldr | 2022-03-21 | Fx as designed | N/A |
| DD120 | Strmfldr | 2022-01-06 | Fx as designed | N/A |
| DD122 | Strmfldr | 2022-01-06 | Fx as designed | N/A |
| DD23 | Strmfldr | 2022-05-10 | Fx as designed | N/A |
| DD32 | Bioret | 2022-06-01 | Fx as designed | Preventative Maintenance Only |
| DD33 | Strmcptr | 2022-01-10 | Not fx as designed | Drop pipe appears to be completely blocked, thus forcing water to bypass treatment. |
| DD39 | Strmfldr | 2022-01-10 | Fx as designed | N/A |
| DD43 | Strmfldr | 2022-01-10 | Fx as designed | N/A |
| DD5 | Strmfldr | 2022-03-24 | Fx as designed | N/A |
| DD51 | Strmfldr | 2022-03-24 | Fx as designed | N/A |
| DD54 | Bioret | 2022-06-01 | Fx as designed | Preventative Maintenance Only |
| DD59 | Pnd_Dry | 2022-03-24 | Fx as designed | N/A |
| DD61 | Undgrnddet | 2021-12-21 | Not fx as designed | Control structure and outfall could not be located, indicating they are covered or buried. |
| DD68 | Bioret | 2021-09-30 | Fx as designed | N/A |
| DD69 | Bioret | 2021-09-30 | Fx as designed | N/A |
| DD70 | Bioret | 2021-09-30 | Fx as designed | N/A |
| DD89 | Baysvr | 2022-01-05 | Fx as designed | N/A |
| DD95 | Bioret | 2022-05-02 | Fx as designed | N/A |
| DF118 | Pnd_Wet | 2022-02-01 | Fx as designed | N/A |
| DF129 | Bioret | 2022-05-02 | Fx as designed | N/A |
| DF130 | Bioret | 2022-05-02 | Fx as designed | Preventative Maintenance Only |

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| FCTID | BMP Type | Inspection Date | Functioning As Designed | Description of Maintenance |
|---------|------------|-----------------|-------------------------|---|
| DF131 | Bioret | 2022-05-02 | Fx as designed | N/A |
| DF141 | Bioret | 2022-06-07 | Fx as designed | N/A |
| DF142 | Bioret | 2022-06-07 | Fx as designed | N/A |
| DF143 | Pnd_Dry | 2022-01-21 | Fx as designed | N/A |
| DF146 | Strmfldr | 2022-01-21 | Fx as designed | N/A |
| DF166 | Bioret | 2022-05-24 | Fx as designed | N/A |
| DF167 | Bioret | 2022-05-24 | Fx as designed | N/A |
| DF186 | Pnd_Dry | 2022-01-14 | Fx as designed | Preventative Maintenance Only |
| DF201 | Bioret | 2022-05-26 | Fx as designed | Preventative Maintenance Only |
| DF202 | Bioret | 2021-09-10 | Fx as designed | Preventative Maintenance Only |
| DF209 | Bioret | 2022-05-16 | Fx as designed | Preventative Maintenance Only |
| DF210 | Bioret | 2022-05-16 | Fx as designed | Preventative Maintenance Only |
| DF214 | Bioret | 2022-05-16 | Fx as designed | Preventative Maintenance Only |
| DF216 | Undgrnddet | 2022-01-05 | Fx as designed | N/A |
| DF218 | Pnd_Dry | 2022-02-11 | Fx as designed | N/A |
| DF220 | Bioret | 2022-05-13 | Fx as designed | Preventative Maintenance Only |
| DF221 | Bioret | 2022-05-13 | Fx as designed | N/A |
| DF222 | Bioret | 2022-05-13 | Fx as designed | N/A |
| DF223 | Bioret | 2022-05-13 | Fx as designed | N/A |
| DF233 | Bioret | 2021-09-30 | Fx as designed | N/A |
| DF234 | Bioret | 2021-09-30 | Fx as designed | N/A |
| DF235 | Bioret | 2021-09-30 | Fx as designed | N/A |
| DF237 | Pnd_Dry | 2022-01-25 | Fx as designed | N/A |
| DF41 | Bioret | 2022-05-16 | Fx as designed | Preventative Maintenance Only |
| DF42 | Bioret | 2022-05-16 | Fx as designed | Preventative Maintenance Only |
| DF43 | Strmfldr | 2022-01-21 | Fx as designed | N/A |
| DF88 | Bioret | 2022-05-17 | Fx as designed | Preventative Maintenance Only |
| DF89 | Bioret | 2022-05-17 | Fx as designed | N/A |
| DF90 | Bioret | 2022-05-17 | Fx as designed | N/A |
| DF95 | Bioret | 2022-05-17 | Fx as designed | Preventative Maintenance Only |
| DK20002 | Baysvr | 2022-01-12 | Not fx as designed | Water level very low. Primary separator manhole is leaking water. |
| DK20004 | Strmfldr | 2022-01-12 | Fx as designed | N/A |
| DK20006 | Strmfldr | 2022-01-12 | Fx as designed | N/A |
| DK20026 | Strmfldr | 2022-04-19 | Fx as designed | N/A |
| DK50002 | Pnd_Dry | 2022-02-22 | Fx as designed | Preventative Maintenance Only |
| DP0055 | Pnd_Dry | 2022-03-10 | Fx as designed | Preventative Maintenance Only |
| DW1 | Pnd_Dry | 2022-01-12 | Fx as designed | Preventative Maintenance Only |
| DW148 | Baysvr | 2021-12-22 | Fx as designed | N/A |
| DW151 | Baysvr | 2021-12-22 | Fx as designed | N/A |
| GC187 | Bioret | 2022-05-24 | Fx as designed | N/A |
| GC188 | Bioret | 2022-05-24 | Fx as designed | N/A |
| GC189 | Bioret | 2022-05-24 | Fx as designed | Preventative Maintenance Only |
| GC555 | Pnd_Dry | 2022-03-15 | Fx as designed | Preventative Maintenance Only |
| JC50048 | Pnd_Dry | 2022-03-08 | Fx as designed | Preventative Maintenance Only |
| KS0215 | Bioret | 2022-05-24 | Fx as designed | Preventative Maintenance Only |
| KS0219 | Pnd_Wet | 2022-02-22 | Fx as designed | N/A |
| KS0221 | Pnd_Dry | 2022-02-28 | Fx as designed | Preventative Maintenance Only |
| KS0231 | Bioret | 2022-05-26 | Fx as designed | N/A |
| KS0235 | Bioret | 2022-05-24 | Fx as designed | N/A |
| KS0236 | Bioret | 2022-05-24 | Fx as designed | Preventative Maintenance Only |
| KS0242 | Bioret | 2022-05-24 | Fx as designed | N/A |
| KS0243 | Bioret | 2022-05-24 | Fx as designed | N/A |
| KS0264 | Pnd_Dry | 2022-03-10 | Fx as designed | N/A |
| KS0370 | Bioret | 2022-05-02 | Fx as designed | N/A |

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|--------|----------|-----------------|-------------------------|---|
| KS0371 | Bioret | 2022-05-02 | Fx as designed | N/A |
| KS0372 | Bioret | 2022-05-02 | Fx as designed | N/A |
| KS0373 | Bioret | 2022-05-02 | Fx as designed | N/A |
| KS0374 | Bioret | 2022-05-02 | Fx as designed | N/A |
| KS0375 | Bioret | 2022-05-02 | Fx as designed | N/A |
| KS0376 | Bioret | 2022-05-02 | Fx as designed | N/A |
| KS0377 | Bioret | 2022-05-02 | Fx as designed | N/A |
| KS0385 | Bioret | 2022-05-26 | Fx as designed | Preventative Maintenance Only |
| KS0389 | Bioret | 2021-09-30 | Fx as designed | N/A |
| KS0399 | Bioret | 2022-05-26 | Fx as designed | Preventative Maintenance Only |
| KS0400 | Strmcptr | 2022-03-24 | Fx as designed | N/A |
| KS0430 | Bioret | 2022-06-01 | Fx as designed | N/A |
| KS0431 | Bioret | 2022-06-01 | Fx as designed | N/A |
| KS0432 | Strmfltr | 2022-01-06 | Fx as designed | N/A |
| KS0433 | Strmfltr | 2022-01-06 | Fx as designed | N/A |
| KS0520 | Pnd_Dry | 2022-02-16 | Fx as designed | N/A |
| KW77 | Pnd_Dry | 2022-01-21 | Fx as designed | Preventative Maintenance Only |
| KW79 | Pnd_Dry | 2022-02-11 | Fx as designed | Preventative Maintenance Only |
| KW80 | Pnd_Dry | 2022-02-11 | Fx as designed | Preventative Maintenance Only |
| KW86 | Baysvr | 2022-01-24 | Fx as designed | N/A |
| MD1270 | Pnd_Wet | 2022-01-25 | Fx as designed | Preventative Maintenance Only |
| MD1429 | Pnd_Wet | 2022-01-25 | Fx as designed | Preventative Maintenance Only |
| MD1481 | Pnd_Dry | 2022-01-12 | Fx as designed | Preventative Maintenance Only |
| MD1561 | Pnd_Dry | 2022-01-12 | Fx as designed | Preventative Maintenance Only |
| MD1745 | Pnd_Dry | 2022-03-10 | Fx as designed | N/A |
| MD1769 | Pnd_Dry | 2022-03-10 | Fx as designed | Preventative Maintenance Only |
| MD1811 | Pnd_Dry | 2022-03-10 | Fx as designed | Preventative Maintenance Only |
| MD2052 | Pnd_Dry | 2022-03-10 | Fx as designed | Preventative Maintenance Only |
| MD2092 | Pnd_Dry | 2022-03-10 | Fx as designed | Preventative Maintenance Only |
| MD2230 | Pnd_Dry | 2022-03-10 | Fx as designed | Preventative Maintenance Only |
| MD2512 | Pnd_Wet | 2022-04-19 | Fx as designed | N/A |
| MD2573 | Pnd_Wet | 2022-04-19 | Fx as designed | N/A |
| MD2619 | Pnd_Dry | 2022-03-10 | Fx as designed | Preventative Maintenance Only |
| MD2683 | Pnd_Dry | 2022-04-19 | Fx as designed | Preventative Maintenance Only |
| MD2871 | Pnd_Dry | 2022-04-19 | Fx as designed | Preventative Maintenance Only |
| MD2967 | Pnd_Dry | 2022-04-19 | Fx as designed | Preventative Maintenance Only |
| MD3 | Pnd_Dry | 2022-02-15 | Fx as designed | Preventative Maintenance Only |
| MD3101 | Pnd_Wet | 2022-02-28 | Fx as designed | N/A |
| MD3436 | Pnd_Dry | 2022-03-10 | Fx as designed | Preventative Maintenance Only |
| MD3548 | Pnd_Wet | 2022-02-28 | Fx as designed | Preventative Maintenance Only |
| MD414 | Pnd_Dry | 2022-01-25 | Fx as designed | N/A |
| MD483 | Pnd_Dry | 2022-01-25 | Fx as designed | Preventative Maintenance Only |
| MD96 | Pnd_Wet | 2022-02-15 | Fx as designed | Preventative Maintenance Only |
| ME1220 | Pnd_Dry | 2021-12-29 | Fx as designed | N/A |
| ME1262 | Pnd_Dry | 2021-12-29 | Fx as designed | Preventative Maintenance Only |
| ME1278 | Pnd_Dry | 2021-12-29 | Fx as designed | Preventative Maintenance Only |
| ME1423 | Pnd_Dry | 2021-12-29 | Fx as designed | Preventative Maintenance Only |
| ME1462 | Pnd_Dry | 2021-12-29 | Fx as designed | Preventative Maintenance Only |
| ME1476 | Pnd_Dry | 2021-12-29 | Fx as designed | N/A |
| ME1519 | Pnd_Dry | 2022-03-14 | Not Fx as designed | Remove the low flow blockage. ME1717 & ME1520-debris obstruction. ME1524-sediment obstruction |
| ME1578 | Pnd_Dry | 2022-03-14 | Fx as designed | N/A |
| ME1653 | Pnd_Dry | 2022-03-14 | Fx as designed | N/A |
| ME1802 | Pnd_Dry | 2022-03-14 | Fx as designed | Preventative Maintenance Only |
| ME1817 | Pnd_Dry | 2022-03-14 | Fx as designed | N/A |

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|---------|---------------------|-----------------|-------------------------|--|
| ME2183 | Pnd_Wet | 2022-02-15 | Fx as designed | Preventative Maintenance Only |
| ME2316 | Pnd_Dry | 2022-02-16 | Fx as designed | Preventative Maintenance Only |
| ME2316A | Pnd_Dry | 2022-02-22 | Fx as designed | Preventative Maintenance Only |
| ME2408 | Pnd_Dry | 2022-02-16 | Fx as designed | Preventative Maintenance Only |
| ME2411 | Pnd_Dry | 2022-02-16 | Fx as designed | Preventative Maintenance Only |
| ME2418 | Pnd_Dry | 2022-02-16 | Fx as designed | Preventative Maintenance Only |
| ME2499 | Pnd_Dry | 2022-02-22 | Fx as designed | Preventative Maintenance Only |
| ME265 | Pnd_Dry | 2022-02-11 | Fx as designed | Preventative Maintenance Only |
| ME266 | Pnd_Dry | 2022-02-11 | Fx as designed | Preventative Maintenance Only |
| ME2701 | Pnd_Dry | 2022-01-25 | Fx as designed | N/A |
| ME2865 | Pnd_Wet | 2022-02-21 | Fx as designed | N/A |
| ME315 | Pnd_Dry | 2022-02-14 | Fx as designed | N/A |
| ME384 | Pnd_Dry | 2022-02-14 | Fx as designed | Preventative Maintenance Only |
| ME422 | Pnd_Dry | 2022-02-14 | Fx as designed | Preventative Maintenance Only |
| ME445 | Pnd_Dry | 2022-02-14 | Fx as designed | Preventative Maintenance Only |
| ME4701 | Pnd_Dry | 2022-02-01 | Fx as designed | Preventative Maintenance Only |
| ME491 | Pnd_Dry | 2022-02-11 | Fx as designed | N/A |
| ME5076 | Pnd_Wet | 2022-02-01 | Fx as designed | Preventative Maintenance Only |
| ME741 | Pnd_Wet | 2022-02-11 | Fx as designed | N/A |
| ME869 | Pnd_Dry | 2022-03-24 | Fx as designed | N/A |
| ME885 | Pnd_Dry | 2022-03-24 | Fx as designed | Preventative Maintenance Only |
| QC50107 | Pnd_Dry | 2022-03-10 | Fx as designed | Preventative Maintenance Only |
| RA0104 | Strmcptr | 2022-01-04 | Fx as designed | N/A |
| RA0135 | Strmcptr | 2022-01-04 | Fx as designed | N/A |
| RA0364 | Bioret | 2021-09-30 | Fx as designed | N/A |
| RA5761 | BayFilter | 2022-01-04 | Fx as designed | N/A |
| RJ0001 | Strmfldr | 2022-01-25 | Fx as designed | N/A |
| RJ0014 | Bioret | 2022-05-24 | Fx as designed | N/A |
| RJ0015 | Bioret | 2022-05-24 | Fx as designed | N/A |
| RJ0044 | Bioret | 2022-06-09 | Fx as designed | Preventative Maintenance Only |
| RJ0073 | Strmfldr | 2022-01-31 | Fx as designed | N/A |
| RJ0075 | Strmfldr | 2022-01-31 | Fx as designed | N/A |
| RJ0147 | Pnd_Dry | 2022-02-23 | Fx as designed | N/A |
| RJ0164 | Strmfldr | 2022-01-06 | Fx as designed | N/A |
| RJ0191 | Strmfldr | 2022-01-31 | Not fx as designed | Tree was restricting access to inflow. Heavy sediment/debris/gravel has built up inside the cartridge bay. |
| RJ0196 | Strmcptr | 2022-01-31 | Not fx as designed | Sediment and debris are blocking any view of the openings in the StormCeptor insert. |
| SR214 | Pnd_Dry | 2022-01-25 | Fx as designed | Preventative Maintenance Only |
| SR230 | Pnd_Dry | 2022-01-25 | Fx as designed | Preventative Maintenance Only |
| SR319 | Pnd_Dry | 2022-03-14 | Fx as designed | Preventative Maintenance Only |
| SR489 | Pnd_Dry | 2022-03-14 | Fx as designed | N/A |
| SR529 | Pnd_Wet | 2022-03-14 | Fx as designed | Preventative Maintenance Only |
| SR653 | Pnd_Dry | 2022-03-14 | Fx as designed | N/A |
| SR719 | Undgrnddet | 2022-01-06 | Not fx as designed | Observation Well/vent could not be found. |
| UG0003 | CDS | 2021-12-22 | Not fx as designed | Water level over a foot lower than outlet pipe. This indicates a potential leak or blockage upstream. |
| UG0014 | Strmfldr | 2022-01-25 | Fx as designed | N/A |
| UG0017 | Strmfldr | 2021-12-22 | Fx as designed | N/A |
| UG0022 | Strmfldr | 2022-01-12 | Fx as designed | N/A |
| UG0023 | Strmfldr | 2022-01-12 | Fx as designed | N/A |
| UG0032 | Jellyfish | 2021-12-22 | Fx as designed | N/A |
| UG0033 | Strmfldr | 2021-12-21 | Fx as designed | N/A |
| UG0047 | Jellyfish | 2022-04-25 | Fx as designed | N/A |
| UG0048 | Jellyfish | 2022-07-12 | Fx as designed | N/A |
| UG0049 | Jellyfish | | Fx as designed | N/A |
| UG0051 | Downstream_Defender | 2022-01-31 | Fx as designed | N/A |

Loudoun County Virginia

BMP Inspections (Public Ownership) Within the MS4 Area from July 1, 2021 - June 30, 2022

| FCTID | BMP Type | Inspection Date | Functioning As Designed | Description of Maintenance |
|---------|-------------|-----------------|-------------------------|---|
| UG0052 | Undrgrnddet | 2022-01-04 | Fx as designed | N/A |
| UG0054 | CDS | 2022-01-04 | Not fx as designed | Non-functional due to low water level. Leaking or blocked further upstream. |
| UG0055 | CDS | 2022-01-31 | Fx as designed | N/A |
| UG0087 | Undrgrnddet | 2022-03-24 | Fx as designed | N/A |
| UG0095 | Undrgrnddet | 2022-01-05 | Fx as designed | N/A |
| UG0110 | Jellyfish | 2021-12-22 | Fx as designed | N/A |
| UG0140 | Strmfldr | 2021-12-21 | Fx as designed | N/A |
| WB1300 | Pnd_Dry | 2022-01-12 | Fx as designed | N/A |
| WB1334 | Pnd_Dry | 2022-01-12 | Fx as designed | N/A |
| WB1355 | Pnd_Dry | 2022-01-14 | Fx as designed | Preventative Maintenance Only |
| WB1525 | Pnd_Dry | 2022-01-21 | Fx as designed | N/A |
| WB1539 | Pnd_Dry | 2022-01-21 | Fx as designed | Preventative Maintenance Only |
| WB1569 | Pnd_Wet | 2022-01-14 | Fx as designed | N/A |
| WB1859 | Pnd_Dry | 2022-01-14 | Fx as designed | N/A |
| WB1876 | Pnd_Dry | 2022-01-14 | Fx as designed | Preventative Maintenance Only |
| WB1884 | Pnd_Dry | 2022-01-14 | Fx as designed | N/A |
| WB1900 | Pnd_Wet | 2022-01-14 | Fx as designed | N/A |
| WB20063 | Strmcptr | 2022-01-10 | Fx as designed | N/A |
| WB20064 | Strmcptr | 2022-01-10 | Fx as designed | N/A |
| WB20065 | Strmcptr | 2022-01-10 | Fx as designed | N/A |
| WB20077 | Baysvr | 2022-01-24 | Fx as designed | N/A |
| WB20078 | Baysvr | 2022-01-24 | Fx as designed | N/A |
| WB20131 | CDS | 2021-12-21 | Fx as designed | N/A |
| WB20137 | CDS | 2021-12-21 | Fx as designed | N/A |
| WB20140 | CDS | 2021-12-21 | Fx as designed | N/A |
| WB463 | Pnd_Dry | 2022-01-21 | Fx as designed | Preventative Maintenance Only |
| WB50057 | Pnd_Wet | 2022-02-01 | Fx as designed | Preventative Maintenance Only |
| WB50058 | Pnd_Wet | 2022-02-01 | Fx as designed | N/A |
| WB50062 | Pnd_Wet | 2022-03-10 | Fx as designed | Preventative Maintenance Only |
| WB50065 | Pnd_Wet | 2022-03-24 | Fx as designed | N/A |
| WB50080 | Pnd_Dry | 2022-03-14 | Fx as designed | Preventative Maintenance Only |
| WB50101 | Bioret | 2022-05-26 | Fx as designed | N/A |
| WB564 | Pnd_Dry | 2022-01-14 | Fx as designed | Preventative Maintenance Only |
| WB738 | Pnd_Wet | 2022-02-15 | Fx as designed | N/A |
| WB827 | Pnd_Wet | 2022-01-21 | Fx as designed | Preventative Maintenance Only |
| WP0021 | Pnd_Wet | 2022-04-25 | Fx as designed | N/A |
| WP0022 | Pnd_Wet | 2022-02-28 | Fx as designed | N/A |
| WP0023 | Pnd_Wet | 2022-02-28 | Fx as designed | N/A |
| WP0026 | Pnd_Wet | 2022-03-15 | Fx as designed | N/A |
| WP0048 | Pnd_Wet | 2022-03-15 | Fx as designed | N/A |

Appendix K

Training

FY2022 (P4/Y4) SWPPP/Good Housekeeping Training

Objective: Training applicable county staff from DGS, DPW, and PRCS on MS4 Permit requirements, including HPFM-SWPPP requirements and associated pollution prevention/good housekeeping procedures and techniques.

| # of People | Name | Department | Date | Session | In Attendance? |
|-------------|-----------------|------------|-----------|----------------------|----------------|
| 1 | Brent Payne | DGS | 12/2/2021 | 9 am Morning Session | Yes |
| 2 | Chris Stone | DGS | 12/2/2021 | 9 am Morning Session | Yes |
| 3 | David Waylan | DGS | 12/2/2021 | 9 am Morning Session | Yes |
| 4 | Karl Evans | DGS | 12/2/2021 | 9 am Morning Session | Yes |
| 5 | Kathy Willis | DGS | 12/2/2021 | 9 am Morning Session | Yes |
| 6 | Michele Seib | DGS | 12/2/2021 | 9 am Morning Session | Yes |
| 7 | Devin Burns | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 8 | Don Mason | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 9 | Edgar Pollen | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 10 | Everton Morgan | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 11 | Jason Wynne | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 12 | Jeff Haga | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 13 | Josh Pratt | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 14 | Ken Prisby | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 15 | Kevin Lenhart | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 16 | Matt Brown | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 17 | Norm Pearson | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 18 | Randy Pearson | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 19 | Roy Finneyfrock | DPW | 12/2/2021 | 9 am Morning Session | Yes |
| 20 | Chan Herrell | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 21 | Chip Channell | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 22 | Chris Ohler | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 23 | Dave Thomas | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 24 | David Brown | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 25 | Donald Drury | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 26 | Fred Embrey | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 27 | Jason Grove | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 28 | Jeff Jones | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 29 | Jimmy Lickey | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 30 | Josh Ashby | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 31 | Mark Fauble | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 32 | Patrice Agbodan | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 33 | Randy House | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 34 | Ricky Hummer | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 35 | Ted Tippet | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 36 | Tim Depoy | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 37 | Tim Martin | PRCS | 12/2/2021 | 9 am Morning Session | Yes |
| 38 | Will Reed | PRCS | 12/2/2021 | 9 am Morning Session | Yes |

FY2022 (P4/Y4) SWPPP/Good Housekeeping Training

Objective: Training applicable county staff from DGS, DPW, and PRCS on MS4 Permit requirements, including HPFM-SWPPP requirements and associated pollution prevention/good housekeeping procedures and techniques.

| # of People | Name | Department | Date | Session | In Attendance? |
|-------------|-------------------|------------|-----------|------------------------|----------------|
| 1 | Kate Helms | DGS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 2 | Aaron Piper | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 3 | Adam Bailey | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 4 | Andrew Tomlinson | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 5 | Andrew Upwright | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 6 | Austiin Mehalic | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 7 | Bradley Erickson | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 8 | Brandon Potter | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 9 | Brian Danner | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 10 | Chris Welch | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 11 | Cole Pitcock | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 12 | Danny Edmondson | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 13 | David Zidek | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 14 | Jeff Longerbeam | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 15 | Joe Payne III | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 16 | Joe Payne, Jr | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 17 | Joey Garlem | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 18 | John Gaerig | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 19 | John MacDougall | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 20 | Jonathan Painter | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 21 | Jonathan Shepherd | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 22 | Justin Edwards | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 23 | Kevin Kelley | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 24 | Michael Pittinger | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 25 | Mike Leigh | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 26 | Mike Wenner | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 27 | Paul Batten | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 28 | Sean Jones | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 29 | Shane Reed | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 30 | Steven Welch | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 31 | Trae Brown | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 32 | Trevin Burks | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 33 | Trevor Barhouse | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 34 | Tyler Pearl | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |
| 35 | Zac Slawter | PRCS | 12/2/2021 | 1 pm Afternoon Session | Yes |

Inspector/BMP Training

ConTech Jellyfish Filter-Operation & Inspections

August 5, 2021

Name and contact information

1. Karl Evans Karl.evans@loudoun.gov
2. Josh Pratt Joshua.Pratt@loudoun.gov
3. Devin Burns Devin.Burns@loudoun.gov
4. Kevin Lenhart Kevin.Lenhart@loudoun.gov
5. Evertan Morgan Evertan.Morgan@loudoun.gov
6. Ann Penn Haywood, Pearson @ loudoun.gov
7. Jason Wynne Jason.Wynne@loudoun.gov
8. Roy Finneyfrack Roy.Finneyfrack@loudoun.gov
9. Jeff Haga jeffery.haga@loudoun.gov
10. David Wayland david.wayland@loudoun.gov
11. Dannit Mason Dannit Mason @ loudoun.gov
12. Edgar Poller Edgar Poller @ loudoun.gov
13. Michele Seib michele.seib@loudoun.gov

Name and contact information

14. CHRIS STONE CHRIS.STONE@london.gov

15. _____

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