
# City of Petersburg, Virginia

## MS4 General Permit: VAR040013

## 2020 Annual Report

**Prepared by:**

**Department of Public Works and Utilities**

# Introduction

The following annual report is submitted to the Virginia Department of Environmental Quality (DEQ) in compliance with the City of Petersburg's Pollutant Discharge Elimination System (VPDES) permit. This report covers stormwater activities conducted during the second year of the permit term, July 1, 2019 – June 30, 2020.

***Background Information:***

| | |
|---|---|
| Permittee: | City of Petersburg, Virginia |
| Annual Report Permit year: | 2 |
| Modifications to operator's roles & responsibilities: | 0 |
| Number of new MS4 outfalls: | 0 |
| Location of new outfall: | N/A |
| Acreage of new outfalls: | 0 |
| HUC of new outfalls: | N/A |

***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.

Responsible Official Signature — Date

VAR040013 — City of Petersburg, VA

Permit Number — MS4 Name

# Summary of Existing Program Plan Compliance, Activities, Changes, and Plans for the Next Reporting Period

| Minimum Control Measure | BMP | Program Description | Applicable Measurable Goals | Progress toward Achieving Measurable Goals (Permit Year 2) | Assessment of Appropriateness, Changes, and/or Steps to Address Any Deficiencies | Summary of Activities Planned for Next Reporting Cycle (Permit Year 3) |
|---|---|---|---|---|---|---|
| 1. Public Education and Outreach on Stormwater Impacts | 1.1 Stormwater Public Education and Outreach | Develop a citywide public education program. | IE.1.a. Implement program<br>IE.1.b. Identify High-Priority Issues<br>IE.1.c. High-Priority Program Components<br>IE.1.d. Program Strategies<br>IE.1.e. Program Coordination<br>IE.1.f. MS4 Program Plan<br>IE.1.g. MS4 Annual Report | Planning/Public Works Departments continue to generally use EPA guidance: "Getting in Step" as a source to begin to distribute public education and outreach messages, and utilizes multiple diverse strategies to increase stormwater knowledge and reduce stormwater pollution – including various efforts to educate contractors on methods to reduce stormwater pollution.<br><br>The City continues to keep the public informed on any progress in the Stormwater Utility (SWU) Program. Please also refer to Appendix A for stormwater brochures passed out during City-wide Clean Ups, Earth Day Activities, Ward Meetings and Public Information (PI) Meetings. Pet waste pick-up signs in front of City Hall and in Central Park increase individual knowledge about reducing stormwater pollution.<br><br>DPW/U continues to provide many informational items (see Appendix A) and local stormwater items to the City's website to educate the public on the City's SWU Program including: SWU Frequently Asked Questions, SWU PowerPoint Presentation Shown at Ward/Council Meetings and PI Meetings, SWU Ordinance & Rate Resolution, and Fee Credit Manuals. Also refer to Appendix A for a sample webpage on "Fertilizer Tips". The Planning Department and the DPW/U often coordinate with the "Friends of the Lower Appomattox" (FOLAR), Crater District Planning Commission, PlanRVA, and Richard Bland College to sponsor citywide clean up events and partner for a regional anti-litter campaign (see Appendix A).<br><br>In an effort to address the "Litter", "Bacteria", and "Maintenance" high-priority issues of the plan, the City has attempted to engage the community, Central Park visitors, and SWM Facility owners. | To address the "Litter" high-priority issue of the plan, the City continues to work on a NFWF Grant-funded "Walkable Watershed" project with the James River Association (JRA) to reach the students of Lakemont Elementary School – engaging that school's surrounding community. Even without visiting classes, by engaging the surrounding community we feel we have reached all the 5th grade students at that school (55 students, 17% of the target audience) The City has also partnered with PlanRVA to begin to regionally implement the "Don't Trash Central Virginia" anti-litter campaign (see Appendix A).<br><br>While social media begins to be implemented to address the "Bacteria" high priority issue, the City's public signage in place continues to Central Park visitors (approximately 1,200 visitors, 7% of the total target audience in the plan).<br><br>To address the "Maintenance" high-priority issue, since the City and JRA unsuccessfully attempted to hold a SWM Facilities Workshop last year, the City mailed out flyers to BMP owners with details and instructions for inspecting and maintaining SWM facilities.<br><br>The COVID-19 Pandemic and the City's on-going financial crisis has hindered our efforts in addressing Permit Year 2 requirements. As the City continues to recover from these crises, every effort will be made to meet both current and future requirements going forward. | To address the "Litter" high-priority issue of the plan, the City will continue to attempt to reach at least 200 students, more than 50% of the target audience.<br><br>To reach out to the target audience for the "Bacteria" high-priority issue, the City will continue to attempt to reach at least 10,000 followers, more than 50% of the target audience in the plan thru signage and social media.<br><br>To address the "Maintenance" high-priority issue of the plan, the City will attempt to reach at least 40 owners, more than 50% of the target audience by attempting to find alternative means to reach this audience. |

| Minimum Control Measure | BMP | Program Description | Applicable Measurable Goals | Progress toward Achieving Measurable Goals (Permit Year 2) | Assessment of Appropriateness, Changes, and/or Steps to Address Any Deficiencies | Summary of Activities Planned for Next Reporting Cycle (Permit Year 3) |
|---|---|---|---|---|---|---|
| 2. Public Involvement/ Participation | 2.1 Stormwater Public Involvement | Promote public involvement in preventing pollution of stormwater runoff. | IE.2.a. Procedures<br>IE.2.b. Webpage Information<br>IE.2.c. Program Activities<br>IE.2.b. Program Coordination<br>IE.2.e. MS4 Program Plan<br>IE.2.f. MS4 Annual Report | The MS4 Program Plan was updated, submitted, and generally approved by DEQ in December 2015, and plans have been made to combine the update and the previous Program Plan. This updated Program Plan and the current MS4 Annual Report are posted to the City's Stormwater Management Webpage for public review and comment.<br><br>Weblinks for the Program Plan and Annual Report, respectively, are as follows: "http://www.petersburg-va.org/DocumentCenter/View/785" "http://www.petersburg-va.org/DocumentCenter/View/778"<br><br>The City participated at least one cleanup event: City Wide Cleanup in October 2019. There were multiple Spring Cleanups that were scheduled by the City and FOLAR; however, they were cancelled due to the COVID-19 pandemic. The City continues to coordinate and participate in the household drop-off recycling program, the metals/white goods program, the safe garage program, and any waste tire cleanup through local efforts and our membership in the Central Virginia Waste Management Authority. | The City is also continually securing contracts with external consultants. If requested, documentation of the executed contracts will be submitted to DEQ. | Hopefully as the pandemic subsides and with the combined efforts of internal and external resources, the City plans to undertake all applicable tasks and activities outlined under Section I.E.2 of the Permit. |
| | 2.2 TMDL Implementation Plan Participation | Status of the Chesapeake Bay and Local TMDL Action Plan Implementation | IIA.13. Chesapeake Bay TMDL Action Plan<br>IIA.13.a. BMP's Implemented Not Reported to BMP Warehouse<br>IIA.13.b. Credits Acquired<br>IIA.13.c. Progress Toward Meeting Reductions<br>IIA.13.d. BMP Planned for Next Reporting Period<br>IIB.9. Local TMDL Action Plan – Summary of Implementation Actions | The City has received DEQ approval for its Chesapeake Bay TMDL Action Plan on January 6, 2016. The City of Petersburg has prepared the Appomattox River Bacteria Total Maximum Daily Load (TMDL) Action Plan to address the Special Conditions for approved local TMDLs in Part II.B of the Permit. (DEQ finalized MS4 guidance for WLA calculations for local TMDL's on November 21, 2016). | The City is also continually securing contracts with external consultants. If requested, documentation of the executed contracts will be submitted to DEQ. | With the combined efforts of internal and external resources, the City plans to undertake all applicable tasks and activities outlined under Section II of the Permit. |
| 3. Illicit Discharge Detection and Elimination | 3.1 Develop Storm Sewer System Map | Develop storm sewer mapping showing the location of all outfalls and the names and location of all waters of the U.S. that receive discharges from those outfalls. | IE.3.a. Updated storm sewer map | See Appendix F for the City's MS4 Outfall Map. DPW/U will also continue to make efforts to update the storm sewer map. DPW/U has determined that there are no physically connected downstream MS4s that require written notification. | The City is also continually securing contracts with external consultants. If requested, documentation of the executed contracts will be submitted to DEQ. | With the combined efforts of internal and external resources, the City plans to undertake all applicable tasks and activities outlined under Section I.E.3 of the Permit. |

| Minimum Control Measure | BMP | Program Description | Applicable Measurable Goals | Progress toward Achieving Measurable Goals (Permit Year 2) | Assessment of Appropriateness, Changes, and/or Steps to Address Any Deficiencies | Summary of Activities Planned for Next Reporting Cycle (Permit Year 3) |
|---|---|---|---|---|---|---|
| | 3.2 Illicit Discharge Ordinance | Develop an ordinance to prohibit all non-stormwater discharges into the MS4. | IE.3.b. Prohibit non-stormwater discharges through legal mechanism | The ordinance was adopted April 6, 2010 and can be viewed or downloaded from the City's website. The City makes every effort to enforce the ordinance as applicable. | The current BMP is appropriate for addressing the measurable goals outlined in Section I of the General Permit. | The City plans to undertake all applicable tasks and activities outlined under Section I.E.3b of the Permit. |
| | 3.3 Illicit Discharge Detection and Elimination (IDDE) Program | Detect, identify, and address unauthorized discharges to the MS4. | IE.3.c. Written procedures<br>IE.3.d. MS4 Program Plan<br>IE.3.f. MS4 Annual Report | The City uses the "Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessments" as guidance along with other resources to develop local procedures to detect and address illicit discharges; and continues to make progress in the creation of maps and other tools necessary for outfall reconnaissance. There have been 50 outfall screenings during Permit Year 2 pending the development of these necessary tools.<br><br>In Permit Year 2, 6 Illicit discharge reports were filed (all documented by DEQ). Corrective action was documented in the reports – no water quality samples were collected. See Appendix B for summaries of these reports. DPU also continues the Inflow and Infiltration (I&I) program to find and address sanitary sewer connections to the storm sewer. Smoke testing, line video inspection and other methods help locate sanitary connections to the storm sewer system and remedy those cross connections. Flow metering also locates segments of sanitary sewer with I&I problems. However, the CCTV Truck was still not operational during the reporting period and has not yet been repaired due to the City's finances. | The City's on-going financial crisis has hindered our efforts in addressing Permit Year 2 requirements. As the City continues to recover, every effort will be made to meet current and future requirements going forward.<br><br>The City has secured a contract with an external on-call consultant and the required Outfall Reconnaissance Map for outfall screenings has been developed. | With the combined efforts of internal and external resources, the City plans to undertake all applicable tasks and activities outlined under Section I.E.3 of the Permit. |
| 4. Construction Site Runoff | 4.1 Erosion and Sediment Control Program | Administer an erosion and sediment control program consistent with the Virginia Erosion and Sediment Control Program Regulations. | IE.4.a. Legal Authority (ordinance, permits, contract language, interjurisdictional agreements)<br>IE.4.b. Inspection and Enforcement<br>IE.4.c. MS4 Program Plan Requirements<br>IE.4.d. MS4 Annual Reporting Requirements | In Permit Year 2, DPW/U reviewed E&S plan submittals, land disturbance permits issued, and made continual efforts to ensure that there are no deficiencies in enforcement. During Permit Year 2, there were 308 construction site stormwater inspections, with no enforcement actions in the reporting period. Please refer to Appendix C for a list of projects and associated acreage disturbed for which land disturbance permits were issued during Permit Year 2. | The City is also currently securing a contract with an external consultant. If requested, documentation of the executed contract will be submitted to DEQ. | With the combined efforts of internal and external resources, the City plans to undertake all applicable tasks and activities outlined under Section I.E.4 of the Permit. |

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|---|---|---|---|---|---|---|
| 5. Post-construction Stormwater Management | 5.1 Stormwater Management Program | Address post-construction stormwater runoff of new development and redevelopment on receiving waters. | IE.5.a. Program Implementation<br>IE.5.h. MS4 Program Plan Requirements<br>IE.5.i. MS4 Annual Report Requirements | The City of Petersburg continued efforts to resolve any issues found by DEQ in previous review of Annual Reports. | The City is also currently securing a contract with an external consultant. If requested, documentation of the executed contract will be submitted to DEQ. | With the combined efforts of internal and external resources, the City plans to undertake all applicable tasks and activities outlined under Section I.E.5 of the Permit. |
| | 5.2 VSMP Construction Permit Administration | Petersburg will develop a program to manage permit authority under VSMP Construction General Permit regulations as adopted by the State Soil and Water Conservation Board. | IE.5.c.Required Program Components | The City hired and retained one full-time permanent SWM/E&S Inspector in November 2015 and should hire another SWM/E&S Inspector in the following Permit Year in an effort to acquire the necessary staffing and resources, and perform all steps required by DEQ as local VSMP authority. | The current BMP is appropriate for addressing the measurable goals outlined in Section I of the General Permit. | The City plans to undertake all applicable tasks and activities outlined under Section I.E.5 of the Permit. |
| | 5.3 Structural BMP Inventory | Provide an inventory of all structural BMPs within the City. | IE.5.d.Database Tracking Requirements<br>IE.5.e.Database Updates<br>IE.5.f.Database Reporting Requirements<br>IE.5.g.BMP Warehouse Reporting Requirements | With the aid of the DEQ “Historical Data Cleanup” grant, the BMP Facilities Database was significantly updated. This update was reflected in the MS4 Program Plan generally approved by DEQ in December 2015. DPW/U submitted its first update to the BMP Warehouse on October 1st, and will incorporate new BMPs into the Warehouse once the newly constructed BMP has been certified by the Professional Engineer and approved as acceptable.<br><br>The City still reviews the BMP database whenever possible to correct/complete the required fields including geographic location (VAHU6 code) and number of acres treated, and update the database to include additional recently constructed stormwater management facilities. DPW/U uses the BMP database information in evaluating stormwater management programs and to determine a plan and schedule of conducting inspections. | The City is also currently securing a contract with an external consultant. If requested, documentation of the executed contract will be submitted to DEQ. | With the combined efforts of internal and external resources, the City plans to undertake all applicable tasks and activities outlined under Section I.E.5 of the Permit. |
| | 5.4 BMP Inspection and Maintenance | Develop an inspection and maintenance program to ensure proper function and maintenance of all structural BMPs in the City in an effort to protect receiving waters. | IE.5.b.Inspection, Operation, and Maintenance Verification | DPW/U continued to implement inspection and maintenance schedules and identify maintenance needs. A two-man inspection team from DPW/U Surveys would normally inspect the BMPs utilizing a checklist to evaluate the facility and photographs the facility during the inspection. | The City is also currently securing a contract with an external consultant. If requested, documentation of the executed contract will be submitted to DEQ. | With the combined efforts of internal and external resources, the City plans to undertake all applicable tasks and activities outlined under Section I.E.5 of the Permit. |

| Minimum Control Measure | BMP | Program Description | Applicable Measurable Goals | Progress toward Achieving Measurable Goals (Permit Year 2) | Assessment of Appropriateness, Changes, and/or Steps to Address Any Deficiencies | Summary of Activities Planned for Next Reporting Cycle (Permit Year 3) |
|---|---|---|---|---|---|---|
| 6. Pollution Prevention/ Good Housekeeping for Municipal Operations | 6.1 MS4 Operations | DPW/U has a dedicated field crew that maintains the MS4 to ensure the system is functioning properly. | IE.6.a. Written Procedures for Operations<br>IE.6.b. Procedures Used for Training Purposes<br>IE.6.c. Identify Discharge Potential of High-Priority Facilities<br>IE.6.d. SWPPP Requirements<br>IE.6.e. High-Priority Facility Review for Potential SWPPP Implementation<br>IE.6.f. SWPPP Review for Unauthorized Discharges<br>IE.6.g. SWPPP Usage and Maintenance<br>IE.6.h. Removal of High-Priority Facilities<br>IE.6.i. Turf and Landscape Nutrient Management Plans (NMPs)<br>IE.6.j. NMPs for State Agencies/Entities<br>IE.6.k. Deicing Agent Controls<br>IE.6.l. Control Measures/Procedures (Municipal Contractors)<br>IE.6.p. MS4 Program Plan Requirements<br>IE.6.n. MS4 Annual Report Requirements | DPW/U Operations Division keeps records on storm sewer maintenance work and the street sweeping program. Expenses for sweeping and drain cleaning for the reporting period are included in Appendix D. The City's Dogwood Trace Golf Course is the only City-owned property with a nutrient management plan required for a total of 87.73 acres (the plan has also been implemented for all 87.73 acres). | The City secured a contract with an external on-call consultant, which prepared an inventory of municipal sites requiring a SWPPP (including SWPPP's developed for each site), a draft Nutrient Management Plan and Implementation Schedule, and a municipal training plan and schedule. | With the combined efforts of internal and external resources, the City plans to undertake all applicable tasks and activities outlined under Section I.E.6 of the Permit. |
| | 6.2 Employee Pollution Prevention Training | DPW/U will provide employee training for staff involved with field activities that may impact the MS4. | IE.6.m.(1) Illicit discharges<br>IE.6.m.(2) Road, street and parking maintenance<br>IE.6.m.(3) Maintenance of public works facilities<br>IE.6.m.(4) Pesticide/herbicide control (contractors)<br>IE.6.m.(5) Employee/contractor E&S certifications (plan review, inspection, program administration, construction site operators)<br>IE.6.m.(6) Stormwater program certifications (employees/contractors)<br>IE.6.m.(7) Spill response (emergency response employees)<br>IE.6.n. Documentation<br>IE.6.o. Regional Training Programs | DPW/U used resources and guides from the internet and other resources to develop program components. The City has made plans to implement Good Housekeeping training for applicable employees. We will continue inspecting city operations facilities in conjunction with the inspections of private BMPs. The Facilities Management Division only uses certified staff to handle and apply fertilizers, pesticides, and other chemicals.<br><br>An in-person Employee Training event was scheduled for Spring 2020; however, it had to be cancelled due to the COVID-19 pandemic. | The City is also currently securing a contract with an external consultant. If requested, documentation of the executed contract will be submitted to DEQ. | With the combined efforts of internal and external resources, the City plans to undertake all applicable tasks and activities outlined under Section I.E.6 of the Permit. |

# Additional Annual Reporting Requirements

**(Pursuant to General Permit No.: VAR04, the General Permit for Discharges of Stormwater from Small Municipal Separate Storm Sewer Systems)**

***Annual characterization that estimates the volume of stormwater discharged, in cubic feet, and the quantity of pollutant identified in the WLA [bacteria], in a unit consistent with the WLA [annual fecal coliform load, cfu/yr], discharged by the regulated small MS4 [City of Petersburg]:***

Please refer to Appendix E for the WLA Calculations and Results Summary.

***Updated Program Plan with any new information regarding the TMDL:***

See "Minimum Control Measure 2" reporting (BMP 2.2) for summarized TMDL information.

***Additional Requested Background Information:***

Additional information request from DEQ dated June 1, 2020 in response to the submission of the 2019 Annual Report was addressed per the following responses in **bold**:

*Minimum Control Measure 1- Public Education and Outreach*

*Part I.E.1.g (2)* *Provide a list of strategies used to communicate each high-priority stormwater issue. Select two or more strategies in Table 1 of the MS4 General Permit.*

*This requirement has been met, according to the information provided in the 2019 Annual Report. However, DEQ noted that the VSMP brochure and several other parts of the report reference DCR as the permitting authority and contact. DEQ suggests updating this information.* ***Could not find a replacement on DEQ's website for this DCR version of a VSMP Brochure; therefore, that brochure (and the language associated with it) has been removed from the report and other methods/opportunities to engage Contractors will be pursued. Beyond the VSMP Brochure, there was one other occurrence found in the 2019 Annual Report of language referring to DCR (see Page 3, BMP 4.1), and that has now been deleted.***

*Minimum Control Measure 2 – Public Involvement/Participation*

*Part I.E.2.f (1)* *Provide a summary of any public input on the MS4 Program received (including stormwater complaints) and the permit holder responses.*

*This information was not available in the annual report, and the webpage did not include all of the information required to be posted no later than three months after the MS4 General Permit's effective date, including methods for how the public can provide input on the permittee's MS4 program plan in accordance with Part I.E.2.a (2). Please provide a summary of any public input and update the webpage according to all details specified in Part I.E.2.b (1-5).* ***No significant public input on the MS4 Program has been noted. The City is working with external consultant to incorporate many updates on the City's Stormwater Management Webpage – including enhancements for public input – as part of the consolidation of the MS4 Program Plan begun as part of the City's response to the MS4 Audit performed in late 2018.***

*Part I.E.2.f (3)* *Implement at least four activities per year from two or more of the categories listed in Table 2 of the MS4 General Permit.*

*The annual report referenced one activity that took place during the previous reporting period. Please ensure that at least four activities are implemented in the future.* ***After doing some additional research, I have found that the City did participate in four activities during the reporting period, and that has been updated and included in the FINAL Updated 2019 Annual Report (see Page 4, BMP 2.1). Only one activity was reported for the 2020 Annual Report primarily due to the COVID-19 Pandemic eliminating the Spring Cleanup opportunities.***

*Minimum Control Measure 3 – Illicit Discharge Detection and Elimination*

*Part I.E.3.e (1)* *Provide 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.* ***Updated MS4 map has now been included in the 2019 Annual Report (map is dated June 2019) and subsequent Annual Reports.***

*Part I.E.3.e (2)* *Provide the total number of outfalls screened during the reporting period as part of the dry weather screening.*

*The annual report provided details on the screening of all 466 outfalls during the previous reporting period. DEQ acknowledges that this is a measurable improvement and beyond the required 50 minimum required to be screened annually. However, the annual report did not provide the total number of outfalls screened during the July 1, 2018, through June 30, 2019, reporting period. Please provide this information.* ***With help of external consultant the***

***City completed 62 outfall screenings during the Year 1 reporting period and 50 screenings for the Year 2 reporting period – documentation has provided.***

*Part I.E.3.e (3)* *Provide a list of illicit discharges to the MS4, to include spills reaching with MS4. Listed on the lines below is information required. The annual report references Appendix B for this information, but Appendix B is blank.* ***(The INTERIM Updated 2019 Annual Report and the 2020 Annual Report now include Appendix B.)***

*Part I.E.3.e (3) (a)* *The source of the illicit discharge.* ***The INTERIM Updated 2019 Annual Report and the 2020 Annual Report now include Appendix B.***

*Part I.E.3.e (3) (b)* *The date or dates that the discharge was observed, reported, or both.* ***The INTERIM Updated 2019 Annual Report and the 2020 Annual Report now include Appendix B.***

*Part I.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).* ***The INTERIM Updated 2019 Annual Report and the 2020 Annual Report now include Appendix B.***

*Part I.E.3.e (3) (d)* *How the investigation was resolved.* ***The INTERIM Updated 2019 Annual Report and the 2020 Annual Report now include Appendix B.***

*Part I.E.3.e (3) (e)* *A description of any follow-up activities.* ***The INTERIM Updated 2019 Annual Report and the 2020 Annual Report now include Appendix B.***

*Part I.E.3.e (3) (f)* *The date the investigation was closed.* ***The INTERIM Updated 2019 Annual Report and the 2020 Annual Report now include Appendix B.***

*Minimum Control Measure 4- Construction Site Stormwater Runoff*

*Part I.E.4.d (1)(a)* *Provide a confirmation statement that land disturbing projects that occurred during the reporting period have been conducted in accordance with the current department approved E&S specifications.* ***To confirm, land disturbing projects were conducted in accordance with the current department approved E&S specifications.***

*Minimum Control Measure 5-Post-Construction Stormwater*

*Part I.E.5.i (1)(a)* *State the number of privately owned SMF inspections conducted.* ***There were 29 and 89 privately owned SMF inspections conducted in Year 1 and Year 2 respectively.***

*Part I.E.5.i (1)(b)* *State the number of enforcement actions and the type of enforcement action initiated to ensure long-term maintenance of privately owned SMFs.* ***There were 0 enforcement actions initiated for these reporting years.***

*Part I.E.5.i (2)* *State the number of inspections conducted on publically owned SMFs.* ***The were 8 publically owned SMF inspections conducted.***

*Part I.E.5.i (3)* *Provide a description of the significant maintenance, repair, or retrofit activities performed on the publically owned SMFs. Do not include routine activities (e.g., mowing, litter pick up).* ***No significant maintenance, repair, or retrofit activities performed during these reporting periods.***

*Part I.E.5.i (4)* *Provide a confirmation statement that SMF information was submitted through the Virginia Construction Stormwater General Permit (CGP) database for land disturbing activities for which coverage under the General VDPES Permit for Discharges of Stormwater was obtained in accordance with Part I.E.5.f of the MS4 General Permit). If no projects requiring coverage under the CGP were completed, please indicate such.* ***To confirm, SMF information was submitted through the CGP database for land disturbing activities for which Permit coverage was obtained.***

*Minimum Control Measure 6- Pollution Prevention/Good Housekeeping*

*Part I.E.6.q (1)* *Provide a summary of operational procedures developed or modified per Part I.E.6.a during the reported fiscal year.* ***Operational procedures have previously been developed and were in the process of being modified as the MS4 Program Plan is consolidated in response to the MS4 Audit performed in late 2018.***

*Part I.E.6.q (2)* *Provide a summary of new SWPPPs developed in the fiscal year per Part I.E.6.c of the MS4 General Permit. Inclusion of SWPPPs developed per I.E.6.e of the MS4 General Permit is recommended. If none were developed, please state so.* ***No new SWPPPs were developed during these reporting years.***

*Part I.E.6.q (3)* *Provide a summary of any SWPPPs modified per Part I.E.6.f of the MS4 General Permit or the rationale for delisting high-priority facilities per Part I.E.6.h of the MS4 General Permit.* ***SWPPPs were updated as a result of the SWPPP inspections performed.***

*Part I.E.6.q (5)* *Provide a list of training events conducted in accordance with Part I.E.6.m of the MS4 General Permit to include the information listed below.* ***Spring training event was scheduled; however, it had to be cancelled due to the COVID-19 Pandemic.***

*Part I.E.6.q (5)(a)* *The date of the training event.* ***N/A – see above.***

*Part I.E.6.q (5)(b)* *The number of employees who attended the training event.* ***N/A – see above.***

*Part I.E.6.q (5)(c)* *The objective of the training event.* ***N/A – see above.***

*Chesapeake Bay TMDL Information*

*Part II.A.13.a* *Provide 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 of the MS4 General Permit and the estimated reduction of pollutants of concern achieved by each reported in pounds per year.* ***Street sweeping operations were (and are) still being maintained by the City. No other BMP's were newly implemented during these reporting periods other than those reported to the DEQ BMP Warehouse.***

*Part II.A.13.b* *If credits were acquired during the reporting period to meet all or of the potion of the required reductions in Part II.A.3, A.4, or A.5 of the MS4 General Permit, provide a statement of that credits were acquired.* ***No nutrient credits were acquired during these reporting periods.***

*Part II.A.13.c* *Provide 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.* ***Progress toward meeting reductions is as follows:***

| | | | | Pollutant of Concern Removal (lbs) | | |
|---|---|---|---|---|---|---|
| **Project Description** | **Project Type** | **Quantity** | **Unit** | **TN** | **TP** | **TSS** |
| Street Sweeping (Lane Miles Method) | Street Sweeping | 657.429 | dry weight collected/yr | 1643.57 | 657.43 | 197,228.65 |
| Canal Street* | Bioretention | | n/a | 1.29 | 0.16 | 45.20 |
| | | | **Total Reduction To Date** | **1,644.86** | **657.59** | **197,273.85** |

*Part II.A.13.d* *Provide a list of BMPs that are planned for implementation during the next reporting period.* ***There has been preparation for a Stream Restoration Project to help address TMDL goals proposed for the Year 3 reporting period. An external consultant has been secured to develop an overall strategy for meeting 2025 TMDL requirements.***

*Local TMDL Information*

*Part II.B.9* *The annual report shall include a summary of actions conducted to implement each local TMDL action plan for the corresponding reporting period.* ***Summary of actions conducted include the one cleanup activity mentioned in "Part I.E.2.f (3)" above, as well as the presence of pet waste signs at City facilities and/or public parks.***

# Appendix A. Sample Public Education and Outreach Materials

# After the Storm

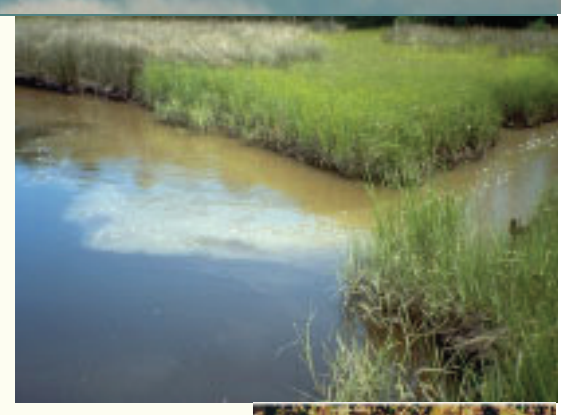
## What is stormwater runoff?

Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. Impervious surfaces like driveways, sidewalks, and streets prevent stormwater from naturally soaking into the ground.

## Why is stormwater runoff a problem?

Stormwater can pick up debris, chemicals, dirt, and other pollutants and flow into a storm sewer system or directly to a lake, stream, river, wetland, or coastal water. Anything that enters a storm sewer system is discharged untreated into the waterbodies we use for swimming, fishing, and providing drinking water.

## The effects of pollution



Polluted stormwater runoff can have many adverse effects on plants, fish, animals, and people.

- Sediment can cloud the water and make it difficult or impossible for aquatic plants to grow. Sediment also can destroy aquatic habitats.
- Excess nutrients can cause algae blooms. When algae die, they sink to the bottom and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms can't exist in water with low dissolved oxygen levels.
- Bacteria and other pathogens can wash into swimming areas and create health hazards, often making beach closures necessary.
- Debris—plastic bags, six-pack rings, bottles, and cigarette butts—washed into waterbodies can choke, suffocate, or disable aquatic life like ducks, fish, turtles, and birds.
- Household hazardous wastes like insecticides, pesticides, paint, solvents, used motor oil, and other auto fluids can poison aquatic life. Land animals and people can become sick or die from eating diseased fish and shellfish or ingesting polluted water.
- Polluted stormwater often affects drinking water sources. This, in turn, can affect human health and increase drinking water treatment costs.


**For more information contact:**

Darryl E. Walker
City of Petersburg - Department of Public Works
City Hall Annex, 103 West Tabb Street
Petersburg, VA 23803
(804) 733-2357
dwalker@petersburg-va.org


**or visit**
**www.epa.gov/npdes/stormwater**
**www.epa.gov/nps**


THE YEAR OF CLEAN WATER

Celebrating 25 Years of Achievement

EPA United States Environmental Protection Agency

EPA 833-B-03-002

January 2003

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## A Citizen's Guide to Understanding Stormwater

WHEN IT RAINS IT DRAINS

# Stormwater Pollution Solutions

## Residential



*Recycle or properly dispose of household products that contain chemicals, such as insecticides, pesticides, paint, solvents, and used motor oil and other auto fluids. Don't pour them onto the ground or into storm drains.*

### Lawn care

Excess fertilizers and pesticides applied to lawns and gardens wash off and pollute streams. In addition, yard clippings and leaves can wash into storm drains and contribute nutrients and organic matter to streams.

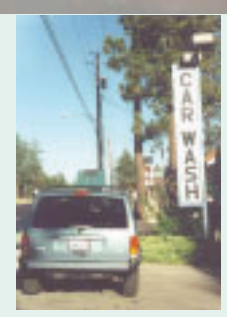
- Don't overwater your lawn. Consider using a soaker hose instead of a sprinkler.
- Use pesticides and fertilizers sparingly. When use is necessary, use these chemicals in the recommended amounts. Use organic mulch or safer pest control methods whenever possible.
- Compost or mulch yard waste. Don't leave it in the street or sweep it into storm drains or streams.
- Cover piles of dirt or mulch being used in landscaping projects.

### Septic systems

Leaking and poorly maintained septic systems release nutrients and pathogens (bacteria and viruses) that can be picked up by stormwater and discharged into nearby waterbodies. Pathogens can cause public health problems and environmental concerns.

- Inspect your system every 3 years and pump your tank as necessary (every 3 to 5 years).
- Don't dispose of household hazardous waste in sinks or toilets.

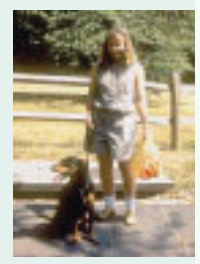
### Auto care




Washing your car and degreasing auto parts at home can send detergents and other contaminants through the storm sewer system. Dumping automotive fluids into storm drains has the same result as dumping the materials directly into a waterbody.

- Use a commercial car wash that treats or recycles its wastewater, or wash your car on your yard so the water infiltrates into the ground.
- Repair leaks and dispose of used auto fluids and batteries at designated drop-off or recycling locations.

### Pet waste



Pet waste can be a major source of bacteria and excess nutrients in local waters.

- When walking your pet, remember to pick up the waste and dispose of it properly. Flushing pet waste is the best disposal method. Leaving pet waste on the ground increases public health risks by allowing harmful bacteria and nutrients to wash into the storm drain and eventually into local waterbodies.


*Education is essential to changing people's behavior. Signs and markers near storm drains warn residents that pollutants entering the drains will be carried untreated into a local waterbody.*

## Residential landscaping

**Permeable Pavement**—Traditional concrete and asphalt don't allow water to soak into the ground. Instead these surfaces rely on storm drains to divert unwanted water. Permeable pavement systems allow rain and snowmelt to soak through, decreasing stormwater runoff.

**Rain Barrels**—You can collect rainwater from rooftops in mosquito-proof containers. The water can be used later on lawn or garden areas.

**Rain Gardens and Grassy Swales**—Specially designed areas planted with native plants can provide natural places for rainwater to collect and soak into the ground. Rain from rooftop areas or paved areas can be diverted into these areas rather than into storm drains.

**Vegetated Filter Strips**—Filter strips are areas of native grass or plants created along roadways or streams. They trap the pollutants stormwater picks up as it flows across driveways and streets.

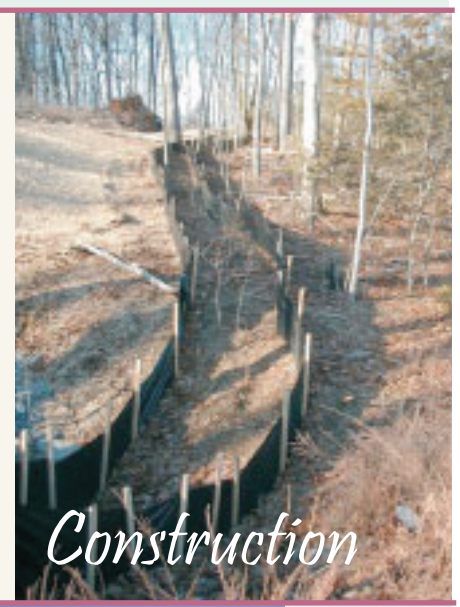
## Commercial

Dirt, oil, and debris that collect in parking lots and paved areas can be washed into the storm sewer system and eventually enter local waterbodies.

- Sweep up litter and debris from sidewalks, driveways and parking lots, especially around storm drains.
- Cover grease storage and dumpsters and keep them clean to avoid leaks.
- Report any chemical spill to the local hazardous waste cleanup team. They'll know the best way to keep spills from harming the environment.

Erosion controls that aren't maintained can cause excessive amounts of sediment and debris to be carried into the stormwater system. Construction vehicles can leak fuel, oil, and other harmful fluids that can be picked up by stormwater and deposited into local waterbodies.

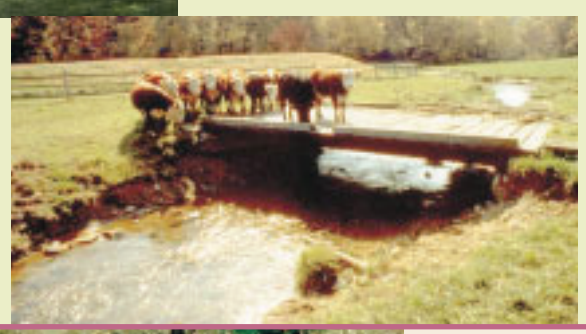
- Divert stormwater away from disturbed or exposed areas of the construction site.
- Install silt fences, vehicle mud removal areas, vegetative cover, and other sediment and erosion controls and properly maintain them, especially after rainstorms.
- Prevent soil erosion by minimizing disturbed areas during construction projects, and seed and mulch bare areas as soon as possible.



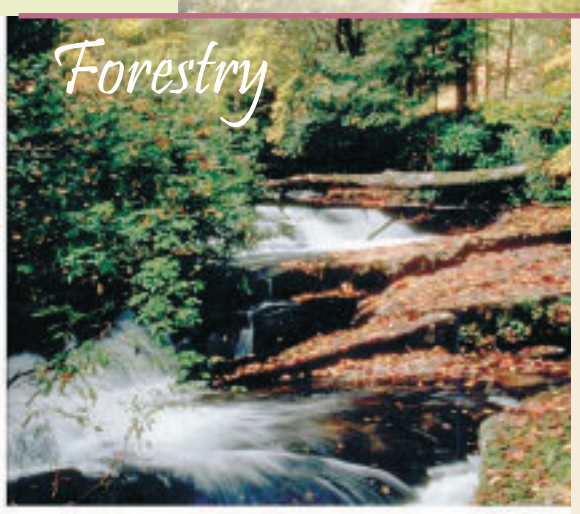
## Construction

## Agriculture

Lack of vegetation on streambanks can lead to erosion. Overgrazed pastures can also contribute excessive amounts of sediment to local waterbodies. Excess fertilizers and pesticides can poison aquatic animals and lead to destructive algae blooms. Livestock in streams can contaminate waterways with bacteria, making them unsafe for human contact.



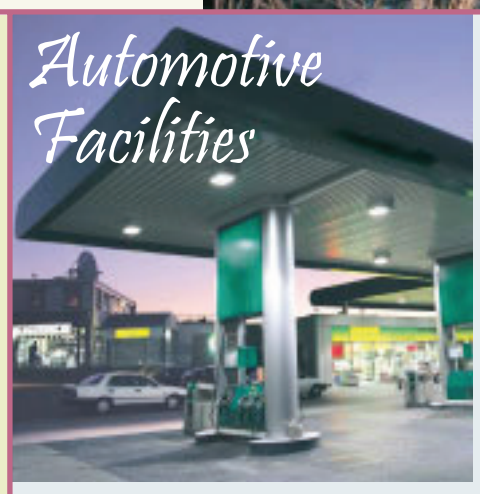
- Keep livestock away from streambanks and provide them a water source away from waterbodies.
- Store and apply manure away from waterbodies and in accordance with a nutrient management plan.
- Vegetate riparian areas along waterways.
- Rotate animal grazing to prevent soil erosion in fields.
- Apply fertilizers and pesticides according to label instructions to save money and minimize pollution.



## Forestry

Improperly managed logging operations can result in erosion and sedimentation.

- Conduct preharvest planning to prevent erosion and lower costs.
- Use logging methods and equipment that minimize soil disturbance.
- Plan and design skid trails, yard areas, and truck access roads to minimize stream crossings and avoid disturbing the forest floor.
- Construct stream crossings so that they minimize erosion and physical changes to streams.
- Expedite revegetation of cleared areas.



## Automotive Facilities

Uncovered fueling stations allow spills to be washed into storm drains. Cars waiting to be repaired can leak fuel, oil, and other harmful fluids that can be picked up by stormwater.

- Clean up spills immediately and properly dispose of cleanup materials.
- Provide cover over fueling stations and design or retrofit facilities for spill containment.
- Properly maintain fleet vehicles to prevent oil, gas, and other discharges from being washed into local waterbodies.
- Install and maintain oil/water separators.

## Pet Care

- When walking your pet, remember to **pick up** the waste and dispose of it properly. Flushing pet waste is the best disposal method. Leaving pet waste on the ground increases public health risks by allowing harmful bacteria and nutrients to wash into the storm drain and eventually into local waterbodies.

## Swimming Pool and Spa

- **Drain** your swimming pool only when a test kit does not detect chlorine levels.
- Whenever possible, drain your pool or spa into the **sanitary** sewer system.
- Properly store pool and spa chemicals to **prevent** leaks and spills, preferably in a covered area to avoid exposure to stormwater.

## Septic System Use and Maintenance

- Have your septic system **inspected** by a professional at least every 3 years, and have the septic tank **pumped** as necessary (usually every 3 to 5 years).
- Care for the septic system drainfield by **not** driving or parking vehicles on it. Plant only grass over and near the drainfield to avoid damage from roots.
- Flush responsibly. Flushing household chemicals like paint, pesticides, oil, and antifreeze can **destroy** the biological treatment taking place in the system. Other items, such as diapers, paper towels, and cat litter, can **clog** the septic system and potentially damage components.

*Storm drains connect to waterbodies!*


**Remember: Only rain down the drain!**

**For more information, visit**
**www.epa.gov/npdes/stormwater**
**or**
**www.epa.gov/nps**

Contact: Darryl E. Walker, dwalker@petersburg-va.org

City of Petersburg - Department of Public Works

City Hall Annex, 103 West Tabb Street

Petersburg, VA 23803

(804) 733-2357

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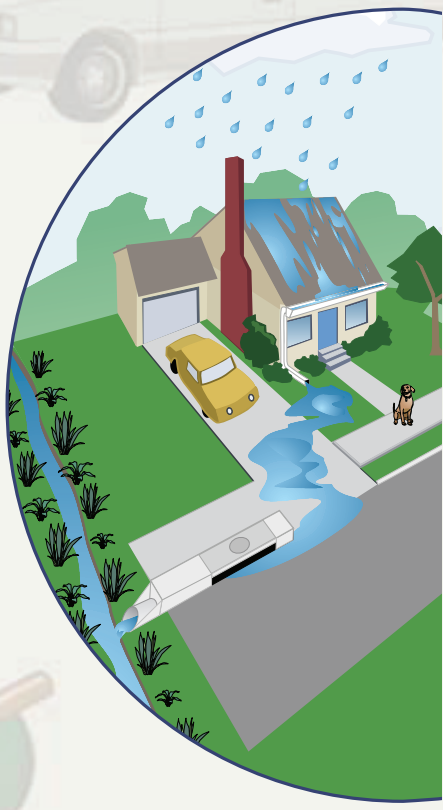
*Make your home*

**The**

# SOLUTION TO STORMWATER POLLUTION!

*A homeowner's guide to healthy habits for clean water*



EPA United States Environmental Protection Agency

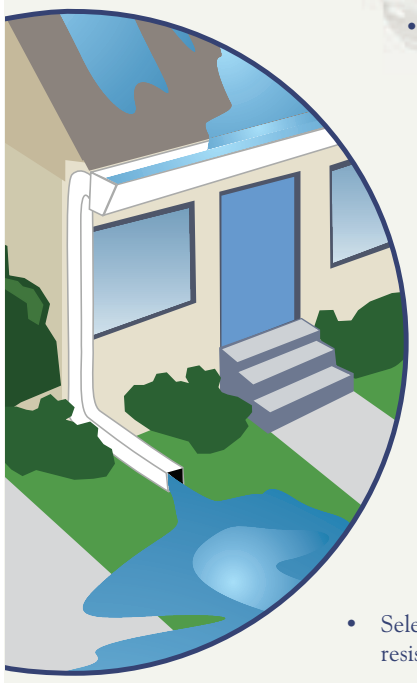
As stormwater flows over driveways, lawns, and sidewalks, it picks up debris, chemicals, dirt, and other pollutants. Stormwater can flow into a storm sewer system or directly to a lake, stream, river, wetland, or coastal water. Anything that enters a storm sewer system is discharged untreated into the waterbodies we use for swimming, fishing, and providing drinking water. Polluted runoff is the nation's greatest threat to clean water.

By practicing healthy household habits, homeowners can keep common pollutants like pesticides, pet waste, grass clippings, and automotive fluids off the ground and out of stormwater. Adopt these healthy household habits and help protect lakes, streams, rivers, wetlands, and coastal waters. Remember to share the habits with your neighbors!

## *Healthy Household Habits for Clean Water*

### Vehicle and Garage

- Use a commercial car wash or wash your car on a lawn or other unpaved surface to **minimize** the amount of dirty, soapy water flowing into the storm drain and eventually into your local waterbody.



- Check your car, boat, motorcycle, and other machinery and equipment for leaks and spills. Make repairs as soon as possible. Clean up **spilled fluids** with an absorbent material like kitty litter or sand, and don't rinse the spills into a nearby storm drain. Remember to properly dispose of the absorbent material.

- **Recycle** used oil and other automotive fluids at participating service stations. Don't dump these chemicals down the storm drain or dispose of them in your trash.

### Lawn and Garden

- Use pesticides and fertilizers **sparingly**. When use is necessary, use these chemicals in the recommended amounts. Avoid application if the forecast calls for rain; otherwise, chemicals will be washed into your local stream.

- Select **native** plants and grasses that are drought- and pest-resistant. Native plants require less water, fertilizer, and pesticides.

- **Sweep up** yard debris, rather than hosing down areas. Compost or recycle yard waste when possible.

- Don't overwater your lawn. Water during the **cool** times of the day, and don't let water run off into the storm drain.

- Cover piles of dirt and mulch being used in landscaping projects to prevent these pollutants from blowing or washing off your yard and into local waterbodies. **Vegetate** bare spots in your yard to prevent soil erosion.

### Home Repair and Improvement

- Before beginning an outdoor project, locate the nearest storm drains and **protect** them from debris and other materials.

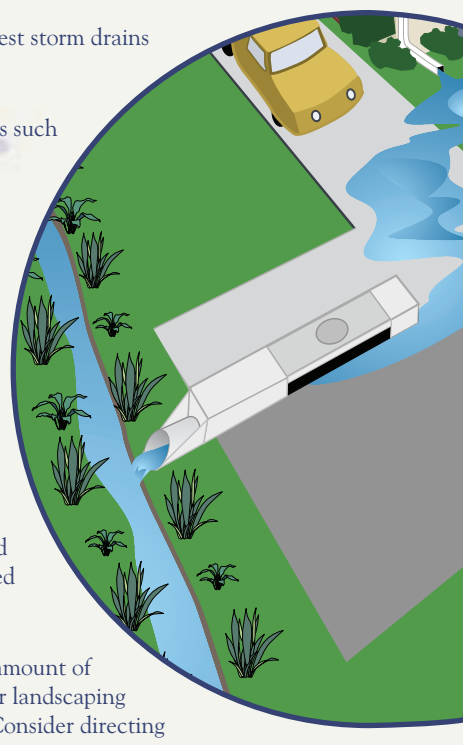
- **Sweep up** and properly dispose of construction debris such as concrete and mortar.

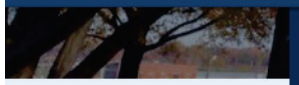
- Use hazardous substances like paints, solvents, and cleaners in the **smallest amounts possible**, and follow the directions on the label. Clean up spills **immediately**, and dispose of the waste safely. Store substances properly to avoid leaks and spills.

- Purchase and use **nontoxic**, **biodegradable**, **recycled**, and **recyclable** products whenever possible.

- **Clean** paint brushes in a sink, not outdoors. Filter and reuse paint thinner when using oil-based paints. Properly dispose of excess paints through a household hazardous waste collection program, or donate unused paint to local organizations.

- **Reduce** the amount of paved area and increase the amount of vegetated area in your yard. Use native plants in your landscaping to reduce the need for watering during dry periods. Consider directing downspouts away from paved surfaces onto lawns and other measures to increase infiltration and reduce polluted runoff.









# Stormwater Management

The Stormwater Management Program promotes effective storm water drainage and informs and educates residents on storm water issues.

## Responsibilities

The Stormwater Management Program's responsibilities include;

- Daily site inspection of multiple construction projects to ensure compliance with local, state, and federal codes and standards
- Performs site construction, erosion and sediment control (E&S), and Best Management Practice inspections in support of the City's E&S, MS4 and VSMP Permit
- The review of site and development plans

## Additional Information

The city operates and maintains drainage facilities that are located within the public right-of-way or public easements.

Stormwater Utility Frequently Asked Questions

Stormwater Advisory Committee Presentation

June 2013 Public Meeting Presentation (Stormwater Utility Fee Program)

Stormwater Utility Ordinance (As Adopted)

Stormwater Utility Rate Resolution (As Adopted)

Residential Fee Credit Manual (With Application)

Non-Residential /Multi-Family Fee Credit Manual (With Application)

MS4 Annual Report

MS4 Program Plan

2015 Chesapeake Bay TMDL Action Plan

## Contact Us

Darryl Walker
Stormwater Program Manager
Email

103 W. Tabb St.
Petersburg, VA 23803

Ph: 804-733-2357
Fx: 804-732-2030

Hours
Monday - Friday
8:30 a.m. - 5 p.m.

Staff Directory

## Quick Links

- Virginia Department of Environmental Quality

## TEN TIPS FOR FERTILIZING YOUR LAWN

**1. Get Tested**
Have your soil tested for pH levels and the need for additional nutrients. This will help determine which fertilizers and supplements are needed.

**2. Buy What You Need**
Buy organic or synthetic fertilizer. Don't use a weed and feed product unless you have widespread weed problems in your yard. Instead, use straight fertilizer and spot treat or pull weeds. Ask the Cooperative Extension Service or your local garden center for specific guidance.

**3. Slow It Down**
Select lawn-grade fertilizers that include Slow Release Nitrogen to prevent lawn burn, reduce runoff and leaching of nutrients into groundwater.

**4. Be Well Read**
Read and follow all label directions when applying fertilizer. Incorrect application such as spilling onto paved surfaces can result in fertilizer being washed down storm sewers and ending up in our waterways.

**5. Chill Out**
Grass will not use fertilizer when it is not actively growing. To prevent runoff pollution of lakes and streams, never apply fertilizers to frozen ground or pavement.

**6. Spread It Out**
Be sure your spreader is working and adjusted properly. Read and follow the spreader setting instructions on the fertilizer label so that your spreader applies the correct amount of fertilizer.

**7. Recycle Your Lawn**
Leave the height of your grass long when mowing and leave clippings on your lawn to decompose. "Grass-cycling" is a great source of nitrogen and saves water and fertilizer.

**8. Recycle Your Yard**
Compost leaves, yard debris, and non-meat food scraps. They make great mulch for the garden.

**9. Slenderize Your Yard**
Keep your yard healthy by controlling how much fertilizer it gets. Follow recommended rates for lawns in your area.

**10. Protect The Borders**
When applying fertilizers, maintain a buffer strip or fertilizer-free zone around the edges of lakes and streams.

**Additional information can be found by following the link below:**
http://www.epa.gov/reg3wcmd/pesticideslawn.htm

Henrico County
Public Relations & Media Services

# NEWSRelease

P.O. Box 90775
Henrico, Virginia 23273-0775
Phone: (804) 501-4257
Fax: (804) 501-5500
*henrico.us/pr*

**For Immediate Release**
**March 4, 2020**

**Contact:** Jenny Schontag, Town of Ashland, (804) 752-6875
Pam Cooper, Chesterfield County, (804) 751-2227
Dwayne Jones, Goochland County, (804) 657-2025
Michelle Barnett, Hanover County, (804) 365-3310
Megan Brown, Henrico County, (804) 501-7277
Christopher Ward, City of Hopewell, (804) 541-2221
Krista Eutsey, New Kent County, (804) 966-9683
Darryl Walker, City of Petersburg, (804) 733-2357
Sarah Stewart and Sidd Kumar, PlanRVA, (804) 323-2033
Brigid Paciello, Powhatan County, (804) 598-5696
Jenn Clarke, City of Richmond, (804) 646-8131

## Don't Trash Central Virginia campaign tackles litter

***10 localities launch effort, seek partners to spread message, change behaviors***

A coalition of 10 localities across the region is launching a litter-prevention campaign — Don't Trash Central Virginia — ahead of next month's 50th annual observance of Earth Day in hopes of reducing the amount of trash along roadways, in neighborhoods and in other parts of the community.

The campaign features a logo that can be customized by localities, businesses, organizations and other partners, with their names replacing "Central Virginia," for use in promotional materials and on social media.

The campaign will complement local litter-prevention efforts while underscoring a broader message that litter is a costly, regional problem that can be addressed with greater awareness, engagement and behavioral changes at the community and individual levels. The campaign logo captures the simple but deliberate act of a person putting waste into a trash can.

"Litter is incredibly wasteful, and it's a problem that is entirely solvable if we each do our part," said Martha Heeter, executive director of PlanRVA, a regional planning organization facilitating the campaign. "From cigarette butts to fast-food cups and to old, abandoned tires,

P.O. Box 90775
Henrico, Virginia 23273-0775
Phone: (804) 501-4257
Fax: (804) 501-5500
*henrico.us/pr*

litter is harmful to wildlife and the environment. It can clog storm drains and contribute to localized flooding. It's unsightly and projects a lack of community pride. On top of all that, many localities devote considerable time and money to litter cleanup — resources that could be put to better use in countless other ways."

The Don't Trash Central Virginia campaign is being launched today by a coalition that consists of the Town of Ashland; the counties of Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan; and the cities of Hopewell, Petersburg and Richmond.

Other partners, including municipalities, businesses and community organizations, are encouraged to join the effort and to participate in a variety of ways, such as by educating their employees, posting campaign stickers or posters, promoting the campaign on social media, organizing or supporting a cleanup effort and implementing litter-prevention strategies on their properties.

The campaign is expected to expand in a variety of ways, including a public challenge to identify a social media hashtag. For now, the campaign will use #DontTrashCentralVA.

To sign up or to access resources for the Don't Trash Central Virginia campaign, go to *donttrashcentralva.org*.

###

# DON'T trash CENTRAL VIRGINIA

## About Us

The Don't Trash Central Virginia campaign unites localities in Central Virginia in a fight against litter. The goals of the campaign are to increase awareness of litter and its negative impacts in the community, build knowledge about litter prevention strategies, and encourage action through participation in public clean up opportunities. The campaign welcomes businesses and organizations as campaign partners who share the vision of a litter-free Central Virginia.

Join us in an effort to rid our communities of the financial and environmental costs that come with litter.

**How can you help?**

- Spread the word! Tell others about the campaign.
- Join our social media drive and repost our content!
- Organize, support, or join a nearby litter clean-up!

## TOP 20 ITEMS FOUND BY VOLUNTEERS IN VIRGINIA

(Based on 20 years of data)

- Cigarette Filters
- Beverage Bottles (Plastic)
- Bags
- Cups, Plates, Forks, Knives, Spoons
- Food Wrappers - Containers
- Beverage Cans
- Caps & Lids
- Beverage Bottles (Glass)
- Straws, Stirrers
- Building Materials
- Balloons
- Rope
- Clothing, Shoes
- Fishing Line
- Oil/Lube Bottles
- Tires
- Toys
- Fishing Buoys, Pots & Traps
- Cigarette Lighters
- Six-Pack Holders

Virginia Costal Zone Management Program—DEQ

(804) 323-2033 www.donttrashcentralva.org PlanRVA @planrva PlanRVA THE REGIONAL COMMISSION

# Appendix B. Illicit Discharge Reports Filed/Documented by DEQ

Finalized by VPDES Staff 10/30/08

# Unauthorized Discharge & Overflow Report

**Piedmont Regional Office**
**Phone #(804)527-5020 Fax #(804)527-5106**

| | | | |
|---|---|---|---|
| **Incident Response No:** | | **Reported To:** | **804 527-5127 Patrick Bishop** |
| **Date Reported:** | 8-7-19 **Time:** 10:05 am | **Reported by:** | C Jones |
| **Receiving Facility Name** | Utilities | **Permit No.:** | **VA 0025437** |
| **Owner of Conveyance** (if different from receiving facility) | **Petersburg Public Utilities** | | |
| **Address:** | **424 St. Andrews St.** | | |
| **County/City:** | **Petersburg, VA** | **Zip:** | **23803** |
| **Contact at Scene:** | C. Jones / C Marek | **Telephone No.:** | **(804) 733-2407** |
| **Date of Incident** | 8-7-19 | **Time of Incident:** | 10:05 |

**Length of Time Discharge Continued:** 1hr.

**Volume of Discharge (gal):** 150

**Description of Nature and Location of Discharge** Pump Station by (kings Rd) Manhole Sewer Spilling Out Had To Use Jett Truck To Unstop. City Out Fall Currently Running

**Affected Body of Water** (if applicable):

**Has the Virginia Department of Health (VDH) Been Notified?** □Yes □No
(Contact VDH if a drinking water supply or shellfish waters may be impacted or if spill volume is greater than 1000 gallons or unknown)

**Note to Facility**: This FAXED report can also serve as your five day letter if the discharge has been stopped **and** you attach a description of the steps planned or taken to reduce, eliminate, and prevent a recurrence of present or any future discharges not authorized by a permit.

## PLEASE CONTACT PATRICK BISHOP W/in 24 hrs by phone

Finalized by VPDES Staff 10/30/08

# Unauthorized Discharge & Overflow Report

Piedmont Regional Office
Phone #(804)527-5020 Fax #(804)527-5106

| | | | |
|---|---|---|---|
| **Incident Response No:** | | **Reported To:** | 804 527-5127 Patrick Bishop |
| **Date Reported:** | 10-11-19 **Time:** 8:00 A.M | **Reported by:** | LARRY Brown |
| **Receiving Facility Name** | Southside Central Wastewater Authority WWTF | **Permit No.:** | VA 0025437 |
| **Owner of Conveyance** (if different from receiving facility) | Petersburg Public Utilities | | |
| **Address:** | 424 St. Andrews St. | | |
| **County/City:** | Petersburg, VA | **Zip:** | 23803 |
| **Contact at Scene:** | LARRY Brown | **Telephone No.:** | 7332407 |
| **Date of Incident** | 10-10-2019 | **Time of Incident:** | 2:00 P.M |

**Length of Time Discharge Continued:** 15 mins.

**Volume of Discharge (gal):** 80 - Plus

**Description of Nature and Location of Discharge** AT 354 Myrtle Dr., The main sewer line was backup, causing the manhole to over flow into the Brick House Run Creek, However the Problem has been corrected.

**Affected Body of Water** (if applicable):

**Has the Virginia Department of Health (VDH) Been Notified?** □Yes □No
(Contact VDH if a drinking water supply or shellfish waters may be impacted or if spill volume is greater than 1000 gallons or unknown)

**Note to Facility:** This FAXED report can also serve as your five day letter if the discharge has been stopped and you attach a description of the steps planned or taken to reduce, eliminate, and prevent a recurrence of present or any future discharges not authorized by a permit.

**PLEASE CONTACT PATRICK BISHOP W/in 24 hrs by phone**

Finalized by VPDES Staff 10/30/08

# Unauthorized Discharge & Overflow Report

**Piedmont Regional Office**
**Phone #(804)527-5020 Fax #(804)527-5106**

| | | | |
|---|---|---|---|
| **Incident Response No:** | | **Reported To:** | 804 527-5127 Patrick Bishop |
| **Date Reported:** | 11-2-19 **Time:** 7:00 pm | **Reported by:** | P.D |
| **Receiving Facility Name** | Chuche's Chicken | **Permit No.:** | VA 0025437 |
| **Owner of Conveyance** (if different from receiving facility) | Petersburg Public Utilities | | |
| **Address:** | 424 St. Andrews St. | | |
| **County/City:** | Petersburg, VA | **Zip:** | 23803 |
| **Contact at Scene:** | C Jones / G Marek | **Telephone No.:** | (804) 733-2407 |
| **Date of Incident** | 11-2-19 | **Time of Incident:** | |
| **Length of Time Discharge Continued:** | 1hr | | |
| **Volume of Discharge (gal):** | 15 | | |

**Description of Nature and Location of Discharge**

Sewer Back-up coming Out private Cleanout Going Into Storm Drain

**Affected Body of Water** (if applicable): N/A

**Has the Virginia Department of Health (VDH) Been Notified?** ☐Yes ☑No
(Contact VDH if a drinking water supply or shellfish waters may be impacted or if spill volume is greater than 1000 gallons or unknown)

**Note to Facility**: This FAXED report can also serve as your five day letter if the discharge has been stopped **and** you attach a description of the steps planned or taken to reduce, eliminate, and prevent a recurrence of present or any future discharges not authorized by a permit.

## PLEASE CONTACT PATRICK BISHOP W/in 24 hrs by phone

Finalized by VPDES Staff 10/30/08

# Unauthorized Discharge & Overflow Report

Piedmont Regional Office
Phone #(804)527-5020 Fax #(804)527-5106

**Incident Response No:** _____ **Reported To:** 804 527-5127 Patrick Bishop

**Date Reported:** 11-7-19 **Time:** 1:30 pm **Reported by:** _____

**Receiving Facility Name** 1601 **Permit No.:** VA 0025437

**Owner of Conveyance** (if different from receiving facility) Petersburg Public Utilities

**Address:** 424 St. Andrews St.

**County/City:** Petersburg, VA **Zip:** 23803

**Contact at Scene:** C Jones - G Marek - T Lee **Telephone No.:** (804) 733-2407

**Date of Incident** 11-7-19 **Time of Incident:** 1:30 pm

**Length of Time Discharge Continued:** 2 hrs

**Volume of Discharge (gal):** 50

**Description of Nature and Location of Discharge** In Woods And Had To Use Jett Truck To Unstopped In Wood By Tangle Woods

**Affected Body of Water** (if applicable): _____

**Has the Virginia Department of Health (VDH) Been Notified?** ☐Yes ☑No
(Contact VDH if a drinking water supply or shellfish waters may be impacted or if spill volume is greater than 1000 gallons or unknown)

**Note to Facility:** This FAXED report can also serve as your five day letter if the discharge has been stopped **and** you attach a description of the steps planned or taken to reduce, eliminate, and prevent a recurrence of present or any future discharges not authorized by a permit.

**PLEASE CONTACT PATRICK BISHOP W/in 24 hrs by phone**

Finalized by VPDES Staff 10/30/08

# Unauthorized Discharge & Overflow Report

Piedmont Regional Office
Phone #(804)527-5020 Fax #(804)527-5106

| | | | |
|---|---|---|---|
| **Incident Response No:** | | **Reported To:** | 804 527-5127 Patrick Bishop |
| **Date Reported:** | 12-11-19 **Time:** 4:20 | **Reported by:** | |
| **Receiving Facility Name** | 407 N. Blvd | **Permit No.:** | VA 0025437 |
| **Owner of Conveyance** (if different from receiving facility) | Petersburg Public Utilities | | |
| **Address:** | 424 St. Andrews St. | | |
| **County/City:** | Petersburg, VA | **Zip:** | 23803 |
| **Contact at Scene:** | Carnell-Trent | **Telephone No.:** | (804) 733-2407 |
| **Date of Incident** | 12-11-19 | **Time of Incident:** | |

**Length of Time Discharge Continued:** 2hrs

**Volume of Discharge (gal):** 150

**Description of Nature and Location of Discharge** Basement Had Sewer Coming Out Window And doors. Had To Use Jett Truck To Unstopped City Main Currently Running But Been Stop up sense Monday

**Affected Body of Water** (if applicable):

**Has the Virginia Department of Health (VDH) Been Notified?** ☐Yes ☑No
(Contact VDH if a drinking water supply or shellfish waters may be impacted or if spill volume is greater than 1000 gallons or unknown)

**Note to Facility**: This FAXED report can also serve as your five day letter if the discharge has been stopped **and** you attach a description of the steps planned or taken to reduce, eliminate, and prevent a recurrence of present or any future discharges not authorized by a permit.

## PLEASE CONTACT PATRICK BISHOP W/in 24 hrs by phone

Finalized by VPDES Staff 10/30/08

# Unauthorized Discharge & Overflow Report

Piedmont Regional Office
Phone #(804)527-5020 Fax #(804)527-5106

| | | | |
|---|---|---|---|
| **Incident Response No:** | | **Reported To:** | 804 527-5127 Patrick Bishop |
| **Date Reported:** | 12-15-19 **Time:** 9:00 am | **Reported by:** | |
| **Receiving Facility Name** | 401 N. Blvd | **Permit No.:** | VA 0025437 |
| **Owner of Conveyance** (if different from receiving facility) | Petersburg Public Utilities | | |
| **Address:** | 424 St. Andrews St. | | |
| **County/City:** | Petersburg, VA | **Zip:** | 23803 |
| **Contact at Scene:** | C Jones | **Telephone No.:** | (804) 733-2407 |
| **Date of Incident** | 12-15-19 | **Time of Incident:** | 9:00 am |

**Length of Time Discharge Continued:** 2 1/2

**Volume of Discharge (gal):** 150

**Description of Nature and Location of Discharge** Rodded Broken Main City Sewer line Currently Running And Repairing

**Affected Body of Water** (if applicable):

**Has the Virginia Department of Health (VDH) Been Notified?** □Yes □No
(Contact VDH if a drinking water supply or shellfish waters may be impacted or if spill volume is greater than 1000 gallons or unknown)

**Note to Facility**: This FAXED report can also serve as your five day letter if the discharge has been stopped **and** you attach a description of the steps planned or taken to reduce, eliminate, and prevent a recurrence of present or any future discharges not authorized by a permit.

## PLEASE CONTACT PATRICK BISHOP W/in 24 hrs by phone

# Appendix C. Record of Land Disturbance Projects

**Petersburg Development Projects – FY2020**

1. Amsted Rail – R & T Center Shed, 2740 Frontage Road, Tax Parcel 064-03-0002, 0.49 acres, Industrial

2. Amsted Rail – Seals and Forming, 2580 Frontage Road, Tax Parcel 057-06-0001, 1.45 acres, Industrial

3. Berkeley Estates – Section I Phase 2, 500 Old Wagner Road, Tax Parcel 083-02-0001, 7.92 acres, Residential

4. Dominion Energy Locks Yard IIA & IIB, 33 Rawlings Lane, Tax Parcel 027-01-0005, 9.16 acres, Industrial

5. Dunkin Donuts, 153 Wagner Road, Tax Parcel 082-01-0001 (Part of), 1.07 acres, Commercial

6. Family Dollar – Boydton Plank Road, 1847 Boydton Plank Road, Tax Parcel 057-07-0805, 0.98 acres, Commercial

7. Market Street Lofts, 201 (formerly 225) Hinton Street & 39 North Market Street, Tax Parcels 010-22-0025 & 011-24-0020, 0.97 & 0.30 acres, Commercial

8. Petersburg Parole Office – Permanent Site, 157 Wagner Road, Tax Parcel 082-01-0001 (Part of), 1.44 acres, Commercial

9. P. I. Tower Development, 3245 S. Crater Road, Tax Parcel 081-06-0805, 0.21 acres, Commercial

10. Poplar Springs Hospital – Military Wing & Front Entrance Improvements, 350 Poplar Drive, Tax Parcel 082-02-0005, 0.38 acres, Commercial

11. South Central Wastewater Authority – Warehouse Facility, 900 Magazine Road, Tax Parcel 006-01-0800, 0.42 acres, Industrial

12. Southline @ Perry Place, 110 & 120 S. Perry Street, Tax Parcels 023-32-0001 & 023-36-0004, 1.380 & 1.061 acres, Commercial

# Appendix D. DPW/U Record of Operation & Maintenance on Storm Sewers

The Department of Public Works Operations Division keeps records on their storm water sewer maintenance work and their street sweeping program. They have reported the following City expenses for sweeping and drain cleaning for the 2019-2020 Fiscal Year (July 1, 2019 through June 30, 2020).

| | |
|---|---|
| Street Cleaning (Machine Sweeping) | $48,732.89 |
| Clean & Reshape Ditches by Hand | $43,387.82 |
| Clean & Reshape Ditches by Machine (Grader) | $16,766.96 |
| New Ditch/Drainage | $11,551.87 |
| Erosion/Washout Repair | $119,767.11 |
| Other Drainage Maintenance | $104,975.80 |
| **Total** | $345,882.99 |

# Appendix E. WLA Calculations & Results Summary

# CITY OF PETERSBURG

WLA Calculations and Results Summary

The following calculations were performed in accordance with the Section IIB Special Conditions of General Permit for Discharges from Small Municipal Separate Storm Sewer Systems.

**Background Information:**

| | |
|---|---|
| Total area within Petersburg City limits: | 14,669 acres |
| Total drainage area to Appomattox River: | 9,820 acres |
| Total drainage area to other outfalls: | 4,849 acres |
| Percentage of impervious area within Appomattox River watersheds: | 40% |
| Total Rainfall 07-01-2019 to 06-30-2020: | 46.50 inches (Attachment) |

**Calculations:**

Estimated Volume of Stormwater Discharged

*Annual Runoff, $ft^3$ = (% impervious, as a decimal) * (Annual Precipitation, ft) * (MS4 Area, $ft^2$)*

Estimate of Colony Forming Units of E. Coli

*Annual Fecal Coliform Load (cfu/year) = 103 * (Annual Runoff, in) * (15,000/ml) * (area, ac)*

$$E.\ Coli = 2^{[-0.0172+0.91905*Log_2(\text{annual fecal coliform load, cfu/year})]}$$

Table 1. Estimated Volume of Stormwater and E. coli Discharged by the City of Petersburg to Impaired Water Segment: Appomattox River (2)

| MS4 Watershed | Drainage Area | | Est. Volume Stormwater | Fecal Coliform | E. Coli |
|---|---|---|---|---|---|
| | (sf) | (ac) | ($ft^3$) | (cfu/yr) | (cfu/yr) |
| Appomattox Riverfront | 11,087,378 | 255 | 17,185,436 | 7.31E+09 | 1.15E+09 |
| Rohoic Creek | 56,008,665 | 1,286 | 86,813,431 | 3.69E+10 | 5.09E+09 |
| Brickhouse Run | 61,756,897 | 1,418 | 95,723,190 | 4.07E+10 | 5.57E+09 |
| Cross Street | 2,889,637 | 66 | 4,478,937 | 1.91E+09 | 3.34E+08 |
| Fleet Street East | 948,610 | 22 | 1,470,346 | 6.26E+08 | 1.20E+08 |
| Fleet Street West | 2,664,290 | 61 | 4,129,650 | 1.76E+09 | 3.10E+08 |
| Anchor Sheds | 4,751,500 | 109 | 7,364,825 | 3.13E+09 | 5.28E+08 |
| Battersea | 5,357,484 | 123 | 8,304,100 | 3.53E+09 | 5.89E+08 |
| West Street | 3,539,115 | 81 | 5,485,628 | 2.33E+09 | 4.02E+08 |
| **Total** | **149,003,576** | **3,421** | **230,955,543** | **9.83E+10** | **1.41E+10** |

Table 2. Estimated Volume of Stormwater and E. coli Discharged by the City of Petersburg to Impaired Water Segment: Appomattox (3) - Tidal

| MS4 Watershed | Drainage Area | | Est. Volume Stormwater | Fecal Coliform | E. Coli |
|---|---|---|---|---|---|
| | (sf) | (ac) | ($ft^3$) | (cfu/yr) | (cfu/yr) |
| Harrison Creek | 41,189,178 | 946 | 63,843,226 | 2.72E+10 | 3.84E+09 |
| River Street | 3,190,033 | 73 | 4,944,551 | 2.10E+09 | 3.66E+08 |
| Old Church Street | 2,746,976 | 63 | 4,257,813 | 1.81E+09 | 3.19E+08 |
| Pocahontas | 2,428,607 | 56 | 3,764,341 | 1.60E+09 | 2.85E+08 |
| Poor Creek (Poe Creek) | 74,461,773 | 1,709 | 115,415,748 | 4.91E+10 | 6.62E+09 |
| Lieutenant Run | 154,739,404 | 3,552 | 239,846,076 | 1.02E+11 | 1.30E+10 |
| **Total** | **278,755,971** | **6,399** | **432,071,755** | **1.84E+11** | **2.44E+10** |

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 19 ft. Lat: 37.2388° N Lon: -77.3925° W
Station: **PETERSBURG, VA US USC00446656**

# Record of Climatological Observations

**These data are quality controlled and may not be identical to the original observations.**

Generated on 08/25/2022

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: 0700 Observation Time Precipitation: 0700

| Year | Month | Day | Temperature (F) | | | Precipitation | | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Flag | Snow, Ice Pellets, Hail (in) | Flag | Snow, Ice Pellets, Hail, Ice on Ground (in) | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2019 | 07 | 01 | 88 | 67 | 67 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 02 | 92 | 67 | 73 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 03 | 98 | 73 | 76 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 04 | 97 | 72 | 72 | 0.81 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 05 | 91 | 72 | 74 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 06 | 91 | 74 | 77 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 07 | 91 | 73 | 74 | 1.60 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 08 | 88 | 69 | 70 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 09 | 86 | 67 | 67 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 10 | 88 | 66 | 73 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 11 | | 73 | 75 | 0.36 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 12 | 90 | 73 | 78 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 13 | 92 | 73 | 81 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 14 | 95 | 74 | 76 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 15 | 95 | 74 | 76 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 16 | 94 | 75 | 75 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 17 | 97 | 74 | 76 | 0.50 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 18 | 95 | 76 | 77 | 0.13 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 19 | 96 | 77 | 80 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 20 | 97 | 72 | 77 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 21 | 98 | 73 | 77 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 22 | 95 | 73 | 73 | 0.03 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 23 | 73 | 65 | 65 | 0.81 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 24 | 84 | 65 | 67 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 25 | 87 | 64 | 65 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 26 | 87 | 63 | 66 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 27 | 89 | 64 | 72 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 28 | 91 | 68 | 69 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 29 | 93 | 69 | 70 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 30 | 93 | 70 | 71 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 07 | 31 | 93 | 68 | 68 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| Summary | | | 91 | 70 | | 4.24 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 19 ft. Lat: 37.2388° N Lon: -77.3925° W
Station: **PETERSBURG, VA US USC00446656**

# Record of Climatological Observations

**These data are quality controlled and may not be identical to the original observations.**

Generated on 08/25/2022

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: 0700 Observation Time Precipitation: 0700

| Year | Month | Day | Temperature (F) | | | Precipitation | | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Flag | Snow, Ice Pellets, Hail (in) | Flag | Snow, Ice Pellets, Hail, Ice on Ground (in) | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2019 | 08 | 01 | 91 | 68 | 74 | 0.25 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 02 | 84 | 68 | 69 | 0.57 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 03 | 89 | 68 | 72 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 04 | 90 | 71 | 72 | 1.56 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 05 | 85 | 67 | 68 | 0.05 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 06 | 89 | 67 | 73 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 07 | 90 | 70 | 71 | 0.01 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 08 | 92 | 70 | 71 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 09 | 93 | 64 | 64 | 0.13 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 10 | 87 | 64 | 65 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 11 | 88 | 64 | 65 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 12 | 90 | 65 | 74 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 13 | 90 | 73 | 73 | 0.60 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 14 | 92 | 73 | 74 | 0.20 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 15 | 88 | 71 | 74 | 0.52 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 16 | | 72 | 74 | 0.01 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 17 | 91 | 70 | 70 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 18 | 92 | 70 | 83 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 19 | 95 | 73 | 73 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 20 | 95 | 73 | 74 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 21 | 90 | 73 | 73 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 22 | 96 | 72 | 74 | 0.07 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 23 | 96 | 72 | 72 | 0.07 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 24 | 86 | 67 | 70 | 0.80 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 25 | 79 | 64 | 65 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 26 | 77 | 65 | 66 | 0.01 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 27 | 83 | 66 | 69 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 28 | 84 | 62 | 63 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 29 | 85 | 59 | 59 | 0.05 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 30 | 90 | 58 | 64 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 08 | 31 | 93 | 64 | 66 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| Summary | | | 89 | 68 | | 4.90 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 19 ft. Lat: 37.2388° N Lon: -77.3925° W
Station: **PETERSBURG, VA US USC00446656**

# Record of Climatological Observations

**These data are quality controlled and may not be identical to the original observations.**

Generated on 08/25/2022

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: 0700 Observation Time Precipitation: 0700

| Year | Month | Day | Temperature (F) | | | Precipitation | | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Flag | Snow, Ice Pellets, Hail (in) | Flag | Snow, Ice Pellets, Hail, Ice on Ground (in) | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2019 | 09 | 01 | 87 | 65 | 72 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 02 | 92 | 71 | 72 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 03 | 90 | 72 | 72 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 04 | 93 | 72 | 75 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 05 | 93 | 70 | 70 | 0.03 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 06 | 81 | 61 | 62 | 0.03 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 07 | 88 | 61 | 66 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 08 | 89 | 66 | 72 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 09 | 87 | 67 | 69 | 0.07 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 10 | 88 | 68 | 68 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 11 | 94 | 68 | 73 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 12 | 98 | 73 | 75 | 0.24 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 13 | 75 | 70 | 70 | 0.02 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 14 | 85 | 70 | 73 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 15 | 86 | 66 | 67 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 16 | 92 | 67 | 71 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 17 | 80 | 59 | 59 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 18 | 77 | 56 | 56 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 19 | 74 | 48 | 48 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 20 | 80 | 48 | 57 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 21 | 89 | 56 | 65 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 22 | 91 | 65 | 67 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 23 | 93 | 67 | 69 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 24 | 86 | 55 | 55 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 25 | 84 | 55 | 67 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 26 | 94 | 67 | 71 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 27 | 86 | 69 | 72 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 28 | 94 | 70 | 70 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 29 | 92 | 70 | 72 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 09 | 30 | 83 | 68 | 69 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| | | Summary | 87 | 65 | | 0.39 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 19 ft. Lat: 37.2388° N Lon: -77.3925° W
Station: **PETERSBURG, VA US USC00446656**

# Record of Climatological Observations

**These data are quality controlled and may not be identical to the original observations.**

Generated on 08/25/2022

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: 0700 Observation Time Precipitation: 0700

| Year | Month | Day | Temperature (F) | | | Precipitation | | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Flag | Snow, Ice Pellets, Hail (in) | Flag | Snow, Ice Pellets, Hail, Ice on Ground (in) | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2019 | 10 | 01 | 88 | 69 | 70 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 02 | 98 | 68 | 68 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 03 | 101 | 68 | 71 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 04 | 100 | 54 | 54 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 05 | 72 | 54 | 65 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 06 | 76 | 60 | 63 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 07 | 85 | 62 | 62 | 0.04 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 08 | 64 | 59 | 61 | 0.16 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 09 | 67 | 58 | 58 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 10 | 74 | 52 | 53 | 0.01 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 11 | 77 | 49 | 51 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 12 | 83 | 51 | 59 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 13 | | 59 | 62 | 0.20 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 14 | 78 | 46 | 46 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 15 | 76 | 46 | 59 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 16 | 65 | 45 | 45 | 1.06 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 17 | 63 | 38 | 39 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 18 | 66 | 37 | 47 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 19 | 69 | | 60 | 1.09 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 20 | 64 | 56 | 56 | 1.59 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 21 | 61 | 56 | 58 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 22 | 70 | 53 | 53 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 23 | 70 | 41 | 41 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 24 | 73 | 41 | 50 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 25 | 72 | 49 | 52 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 26 | 76 | 52 | 71 | 0.15 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 27 | 84 | 52 | 53 | 0.10 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 28 | 71 | 52 | 56 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 29 | 70 | 55 | 60 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 30 | 70 | 60 | 70 | 0.08 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 10 | 31 | 85 | 45 | 45 | 0.32 | | 0.0 | | 0.0 | | | | | | | | |
| | | Summary | 76 | 53 | | 4.80 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 19 ft. Lat: 37.2388° N Lon: -77.3925° W
Station: **PETERSBURG, VA US USC00446656**

# Record of Climatological Observations

**These data are quality controlled and may not be identical to the original observations.**

Generated on 08/25/2022

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: 0700 Observation Time Precipitation: 0700

| Year | Month | Day | Temperature (F) | | | Precipitation | | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Flag | Snow, Ice Pellets, Hail (in) | Flag | Snow, Ice Pellets, Hail, Ice on Ground (in) | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2019 | 11 | 01 | 59 | 35 | 35 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 02 | 61 | 33 | 34 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 03 | 60 | 32 | 32 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 04 | 64 | 32 | 49 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 05 | 72 | 33 | 49 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 06 | 63 | 37 | 38 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 07 | 69 | 38 | 42 | 0.05 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 08 | 47 | 26 | 29 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 09 | 51 | 29 | 36 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 10 | 66 | 36 | 43 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 11 | 71 | 42 | 55 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 12 | 55 | 26 | 26 | 0.81 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 13 | 38 | 21 | 21 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 14 | 45 | 21 | 42 | 0.33 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 15 | 48 | 40 | 41 | 0.08 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 16 | 46 | 38 | 39 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 17 | 48 | 39 | 42 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 18 | 53 | 42 | 43 | 0.07 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 19 | 51 | 35 | 36 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 20 | 58 | 30 | 32 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 21 | 55 | 31 | 51 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 22 | 64 | 34 | 34 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 23 | 55 | 33 | 41 | 0.75 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 24 | 58 | 31 | 31 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 25 | 59 | 31 | 33 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 26 | 66 | 32 | 51 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 27 | 60 | 42 | 42 | 0.09 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 28 | 57 | 35 | 41 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 29 | 55 | 41 | 44 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 11 | 30 | 45 | 41 | 43 | 0.10 | | 0.0 | | 0.0 | | | | | | | | |
| | | Summary | 57 | 34 | | 2.28 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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Current Location: Elev: 19 ft. Lat: 37.2388° N Lon: -77.3925° W
Station: **PETERSBURG, VA US USC00446656**

# Record of Climatological Observations

**These data are quality controlled and may not be identical to the original observations.**

Generated on 08/25/2022

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: 0700 Observation Time Precipitation: 0700

| Year | Month | Day | Temperature (F) | | | Precipitation | | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Flag | Snow, Ice Pellets, Hail (in) | Flag | Snow, Ice Pellets, Hail, Ice on Ground (in) | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2019 | 12 | 01 | 51 | 41 | 41 | 0.60 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 02 | 51 | 36 | 36 | 0.03 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 03 | 53 | 33 | 33 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 04 | 53 | 33 | 36 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 05 | 54 | 26 | 26 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 06 | 57 | 26 | 40 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 07 | 48 | 23 | 27 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 08 | 51 | 26 | 44 | 0.49 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 09 | 63 | 44 | 63 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 10 | 71 | 34 | 35 | 0.63 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 11 | 46 | 26 | 26 | 0.01 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 12 | 43 | 26 | 36 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 13 | 43 | 36 | 42 | 0.87 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 14 | 57 | 37 | 54 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 15 | 58 | 39 | 40 | 0.03 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 16 | 58 | 40 | 43 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 17 | 65 | 32 | 32 | 0.28 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 18 | 48 | 26 | 26 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 19 | 40 | 24 | 25 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 20 | 45 | 23 | 27 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 21 | 46 | 25 | 27 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 22 | 50 | 27 | 37 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 23 | 53 | 27 | 33 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 24 | 57 | 28 | 28 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 25 | 55 | 27 | 32 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 26 | 66 | 29 | 41 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 27 | 62 | 41 | 41 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 28 | 68 | 41 | 47 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 29 | 67 | 47 | 67 | 0.17 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 30 | 76 | 39 | 41 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2019 | 12 | 31 | 53 | 33 | 33 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| Summary | | | 55 | 32 | | 3.11 | | 0.0 | | | | | | | | | | |

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

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Current Location: Elev: 19 ft. Lat: 37.2388° N Lon: -77.3925° W
Station: **PETERSBURG, VA US USC00446656**

# Record of Climatological Observations

**These data are quality controlled and may not be identical to the original observations.**

Generated on 08/25/2022

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: 0700 Observation Time Precipitation: 0700

| Year | Month | Day | Temperature (F) | | | Precipitation | | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Flag | Snow, Ice Pellets, Hail (in) | Flag | Snow, Ice Pellets, Hail, Ice on Ground (in) | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2020 | 01 | 01 | 55 | 31 | 31 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 02 | 63 | 31 | 46 | 0.10 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 03 | 60 | 46 | 58 | 0.20 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 04 | 64 | 39 | 39 | 0.27 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 05 | 51 | 30 | 31 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 06 | 57 | 28 | 29 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 07 | 44 | 28 | 31 | 0.33 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 08 | 54 | 24 | 24 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 09 | 46 | 24 | 34 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 10 | 62 | 33 | 59 | 0.04 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 11 | 73 | 59 | 68 | 0.10 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 12 | 71 | 49 | 55 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 13 | 60 | 52 | 52 | 0.40 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 14 | 60 | 49 | 50 | 0.20 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 15 | 62 | 49 | 57 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 16 | 62 | 32 | 33 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 17 | 42 | 29 | 32 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 18 | 47 | 32 | 45 | 0.09 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 19 | 55 | 27 | 27 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 20 | 37 | 25 | 25 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 21 | 37 | 24 | 24 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 22 | 42 | 22 | 23 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 23 | 44 | 23 | 37 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 24 | 63 | 37 | 51 | 0.64 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 25 | 62 | 34 | 35 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 26 | 53 | 30 | 31 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 27 | 55 | 29 | 38 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 28 | 49 | 28 | 31 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 29 | 46 | 27 | 27 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 30 | 45 | 26 | 26 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 01 | 31 | 46 | 26 | 39 | 0.23 | | 0.0 | | 0.0 | | | | | | | | |
| Summary | | | 54 | 33 | | 2.60 | | 0.0 | | | | | | | | | | |

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*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

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U.S. Department of Commerce
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Current Location: Elev: 19 ft. Lat: 37.2388° N Lon: -77.3925° W
Station: **PETERSBURG, VA US USC00446656**

# Record of Climatological Observations

**These data are quality controlled and may not be identical to the original observations.**

Generated on 08/25/2022

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: 0700 Observation Time Precipitation: 0700

| Year | Month | Day | Temperature (F) | | | Precipitation | | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Flag | Snow, Ice Pellets, Hail (in) | Flag | Snow, Ice Pellets, Hail, Ice on Ground (in) | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2020 | 02 | 01 | 47 | 34 | 36 | 0.01 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 02 | | 32 | 32 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 03 | 72 | 32 | 61 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 04 | 69 | 59 | 60 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 05 | 66 | 42 | 42 | 0.24 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 06 | 62 | 42 | 62 | 2.36 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 07 | 63 | 26 | 27 | 0.05 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 08 | 46 | 27 | 27 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 09 | 54 | 27 | 38 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 10 | 53 | 38 | 51 | 0.22 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 11 | 61 | 46 | 46 | 0.85 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 12 | 51 | 46 | 47 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 13 | 62 | 38 | 38 | 0.20 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 14 | 48 | 25 | 25 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 15 | 42 | 24 | 31 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 16 | 53 | 31 | 37 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 17 | 56 | 32 | 32 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 18 | 65 | 32 | 47 | 0.22 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 19 | 63 | 33 | 40 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 20 | 41 | 27 | 27 | 0.10 | | | | | | | | | | | | |
| 2020 | 02 | 21 | 39 | 20 | 20 | 0.00 | | | | | | | | | | | | |
| 2020 | 02 | 22 | 53 | 20 | 25 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 23 | 64 | 24 | 37 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 24 | 55 | 37 | 42 | 0.20 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 25 | 63 | 42 | 51 | 0.20 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 26 | 60 | 41 | 41 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 27 | 50 | 30 | 31 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 28 | 51 | 30 | 32 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 02 | 29 | 45 | 22 | 22 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| | | Summary | 56 | 33 | | 4.65 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 19 ft. Lat: 37.2388° N Lon: -77.3925° W
Station: **PETERSBURG, VA US USC00446656**

# Record of Climatological Observations

**These data are quality controlled and may not be identical to the original observations.**

Generated on 08/25/2022

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: 0700 Observation Time Precipitation: 0700

| Year | Month | Day | Temperature (F) | | | Precipitation | | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Flag | Snow, Ice Pellets, Hail (in) | Flag | Snow, Ice Pellets, Hail, Ice on Ground (in) | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2020 | 03 | 01 | 56 | 22 | 38 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 02 | 71 | 37 | 49 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 03 | 65 | 39 | 43 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 04 | 64 | 42 | 48 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 05 | 54 | 41 | 43 | 0.02 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 06 | 58 | 41 | 42 | 0.03 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 07 | 54 | 26 | 28 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 08 | 63 | 27 | 43 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 09 | 73 | 42 | 59 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 10 | 71 | 55 | 56 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 11 | 69 | 48 | 49 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 12 | 67 | 49 | 62 | 0.33 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 13 | 66 | 49 | 51 | 0.02 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 14 | 62 | 46 | 46 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 15 | 53 | 45 | 45 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 16 | 58 | 44 | 45 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 17 | 68 | 44 | 50 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 18 | 61 | 49 | 50 | 0.22 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 19 | 82 | 50 | 70 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 20 | 87 | 62 | 62 | 0.15 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 21 | 62 | 47 | 47 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 22 | 55 | 44 | 44 | 1.50 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 23 | 49 | 43 | 46 | 0.07 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 24 | 47 | 45 | 45 | 0.89 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 25 | 52 | 41 | 42 | 0.38 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 26 | 58 | 42 | 52 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 27 | 72 | 51 | 55 | 0.48 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 28 | 78 | 54 | 57 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 29 | 88 | 55 | 56 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 30 | 74 | 47 | 48 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 03 | 31 | 55 | 42 | 43 | 0.65 | | 0.0 | | 0.0 | | | | | | | | |
| | | Summary | 64 | 44 | | 4.74 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 19 ft. Lat: 37.2388° N Lon: -77.3925° W
Station: **PETERSBURG, VA US USC00446656**

# Record of Climatological Observations

**These data are quality controlled and may not be identical to the original observations.**

Generated on 08/25/2022

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: 0700 Observation Time Precipitation: 0700

| Year | Month | Day | Temperature (F) | | | Precipitation | | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Flag | Snow, Ice Pellets, Hail (in) | Flag | Snow, Ice Pellets, Hail, Ice on Ground (in) | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2020 | 04 | 01 | 54 | 42 | 44 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 02 | 56 | 39 | 40 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 03 | 71 | 39 | 51 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 04 | 61 | 39 | 57 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 05 | 73 | 53 | 54 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 06 | 74 | 51 | 52 | 0.06 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 07 | 81 | 52 | 65 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 08 | 81 | 58 | 60 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 09 | 78 | 60 | 60 | 0.10 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 10 | 60 | 33 | 44 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 11 | 65 | 44 | 51 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 12 | 76 | 49 | 67 | 0.15 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 13 | 82 | 52 | 52 | 1.94 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 14 | 65 | 39 | 40 | 0.10 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 15 | 54 | 38 | 38 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 16 | 63 | 36 | 36 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 17 | 71 | 36 | 62 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 18 | 66 | 35 | 35 | 0.10 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 19 | 69 | 35 | 55 | 0.04 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 20 | 60 | 47 | 47 | 0.38 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 21 | 78 | 38 | 38 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 22 | 66 | 37 | 50 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 23 | 63 | 50 | 62 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 24 | 75 | 53 | 53 | 0.09 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 25 | 58 | 52 | 54 | 0.13 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 26 | 70 | 47 | 48 | 0.01 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 27 | 63 | 39 | 41 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 28 | 71 | 39 | 55 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 29 | 80 | 55 | 66 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 04 | 30 | 67 | 55 | 55 | 1.93 | | 0.0 | | 0.0 | | | | | | | | |
| | | Summary | 68 | 45 | | 5.03 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

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Current Location: Elev: 19 ft. Lat: 37.2388° N Lon: -77.3925° W
Station: **PETERSBURG, VA US USC00446656**

# Record of Climatological Observations

**These data are quality controlled and may not be identical to the original observations.**

Generated on 08/25/2022

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: 0700 Observation Time Precipitation: 0700

| Year | Month | Day | Temperature (F) | | | Precipitation | | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Flag | Snow, Ice Pellets, Hail (in) | Flag | Snow, Ice Pellets, Hail, Ice on Ground (in) | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2020 | 05 | 01 | 66 | 43 | 48 | 0.14 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 02 | 72 | 46 | 55 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 03 | 87 | 47 | 66 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 04 | 80 | 52 | 54 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 05 | 59 | 49 | 50 | 0.40 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 06 | | 48 | 48 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 07 | 67 | 45 | 58 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 08 | 71 | 36 | 41 | 0.40 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 09 | 60 | 33 | 35 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 10 | 68 | 35 | 49 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 11 | 67 | 39 | 42 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 12 | | 41 | 41 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 13 | 71 | 41 | 52 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 14 | 79 | 52 | 61 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 15 | 85 | 61 | 64 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 16 | 86 | 64 | 64 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 17 | 79 | 60 | 60 | 0.04 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 18 | 63 | 57 | 57 | 0.13 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 19 | 61 | 52 | 53 | 0.07 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 20 | 58 | 52 | 55 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 21 | 67 | 55 | 67 | 0.70 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 22 | 81 | 64 | 65 | 0.02 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 23 | 84 | 61 | 65 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 24 | 69 | 60 | 61 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 25 | 76 | 58 | 62 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 26 | 74 | 61 | 64 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 27 | 80 | 64 | 73 | 0.23 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 28 | 80 | 73 | 74 | 0.87 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 29 | 84 | 62 | 62 | 0.55 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 30 | 84 | 62 | 64 | 0.55 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 05 | 31 | 78 | 58 | 60 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| Summary | | | 74 | 53 | | 4.10 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

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U.S. Department of Commerce
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Current Location: Elev: 19 ft. Lat: 37.2388° N Lon: -77.3925° W
Station: **PETERSBURG, VA US USC00446656**

# Record of Climatological Observations

**These data are quality controlled and may not be identical to the original observations.**

Generated on 08/25/2022

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Observation Time Temperature: 0700 Observation Time Precipitation: 0700

| Year | Month | Day | Temperature (F) | | | Precipitation | | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Flag | Snow, Ice Pellets, Hail (in) | Flag | Snow, Ice Pellets, Hail, Ice on Ground (in) | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2020 | 06 | 01 | 74 | 56 | 56 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 02 | 84 | 56 | 70 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 03 | 93 | 70 | 73 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 04 | 94 | 71 | 72 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 05 | 83 | 71 | 72 | 1.85 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 06 | 89 | 69 | 71 | 0.04 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 07 | 85 | 61 | 62 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 08 | 86 | 61 | 66 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 09 | 89 | 66 | 73 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 10 | 90 | 73 | 76 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 11 | 82 | 71 | 72 | 0.03 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 12 | 84 | 65 | 67 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 13 | 82 | 58 | 59 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 14 | 79 | 59 | 64 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 15 | 66 | 60 | 61 | 0.40 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 16 | 64 | 60 | 63 | 1.10 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 17 | 70 | 63 | 66 | 0.15 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 18 | 81 | 66 | 67 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 19 | 85 | 67 | 67 | 0.23 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 20 | 81 | 64 | 66 | 0.17 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 21 | 86 | 65 | 71 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 22 | 96 | 68 | 76 | 0.13 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 23 | 89 | 72 | 73 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 24 | 86 | 67 | 68 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 25 | 85 | 63 | 68 | 1.30 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 26 | 88 | 68 | 72 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 27 | 89 | 71 | 72 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 28 | 85 | 70 | 70 | 0.26 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 29 | 90 | 67 | 67 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| 2020 | 06 | 30 | 91 | 67 | 73 | 0.00 | | 0.0 | | 0.0 | | | | | | | | |
| | | Summary | 84 | 66 | | 5.66 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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# Appendix F. MS4 Outfalls – Mapping and Reconnaissance Data

# Petersburg MS4 Map
# June 2019

**Legend**

- MS4 Regulated Service Area
- MS4 Outfall
- Not Impaired Water
- Imparied Water
- Public SWM Facility

N
W E
S

Unsegmented rivers in J15
Appomattox River
Rohoic Creek
Lieutenant Run
Unsegmented rivers in J13
Second Swamp
Unsegmented Rivers in K31
Blackwater Swamp
Poor Creek
Harrison Creek

0 2,500 5,000 10,000
Feet

Petersburg Outfall Database
June 2019

| Outfall_ID | Latitude | Longitude | Regulated Drainage Area (Ac.) | Receiving Water | HUC 12 of Receiving Water | 2016 Impairment | Landuse | EPA Approved TMDLS |
|---|---|---|---|---|---|---|---|---|
| 1 | 37.2313004 | -77.4162979 | 13.32 | UT Appomattox River | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 2 | 37.2294998 | -77.4169998 | 19.35 | UT Appomattox River | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 3 | 37.2293015 | -77.4212036 | 3.74 | UT Appomattox River | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 4 | 37.2285004 | -77.4224014 | 1.24 | UT Appomattox River | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 5 | 37.2330017 | -77.4132996 | 22.17 | Appomattox River | 020802071001 | Yes | MXD2 | Chesapeake Bay; Appomattox River |
| 6 | 37.2324982 | -77.4173965 | 0.08 | Appomattox River | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 7 | 37.2321014 | -77.4171982 | 0.16 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 8 | 37.2321014 | -77.417099 | 0.84 | Unsegmented rivers in J15 | 020802071001 | No | M-2 | Chesapeake Bay; Appomattox River |
| 9 | 37.2327995 | -77.4162979 | 0.97 | Appomattox River | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 11 | 37.2332993 | -77.4098969 | 23.97 | Appomattox River | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 12 | 37.2330017 | -77.4108963 | 4.38 | UT Appomattox River | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 13 | 37.2361984 | -77.4039993 | 0.76 | Appomattox River | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 14 | 37.2380981 | -77.4023972 | 1.59 | Appomattox River | 020802071001 | Yes | R-2 | Chesapeake Bay; Lower Appomattox River/Ashton Cre* |
| 15 | 37.2346001 | -77.4011002 | 24.95 | Appomattox River | 020802071001 | Yes | Developed | Chesapeake Bay; Lower Appomattox River/Ashton Cre* |
| 16 | 37.2346992 | -77.4017029 | 33.46 | Appomattox River | 020802071001 | Yes | Developed | Chesapeake Bay; Lower Appomattox River/Ashton Cre* |
| 17 | 37.2356987 | -77.4024963 | 0.29 | Appomattox River | 020802071001 | Yes | M-2 | Chesapeake Bay; Lower Appomattox River/Ashton Cre* |
| 18 | 37.2345009 | -77.3991013 | 5.93 | Appomattox River | 020802071001 | Yes | Developed | Chesapeake Bay; Lower Appomattox River/Ashton Cre* |
| 19 | 37.2350998 | -77.3976974 | 1.82 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 20 | 37.2243996 | -77.4259033 | 79.93 | UT Appomattox River | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 21 | 37.2291985 | -77.4240036 | 17.59 | Appomattox River | 020802071001 | Yes | M-2 | Chesapeake Bay; Appomattox River |
| 22 | 37.2215004 | -77.4335022 | 12.38 | UT Appomattox River | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 23 | 37.2212982 | -77.4345016 | 22.96 | UT Appomattox River | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 24 | 37.2266998 | -77.4299011 | 1.67 | UT Appomattox River | 020802071001 | No | M-2 | Chesapeake Bay; Appomattox River |
| 25 | 37.2182999 | -77.4455032 | 7.43 | UT Rohoic Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 26 | 37.218399 | -77.4455032 | 3.28 | UT Rohoic Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 27 | 37.2174988 | -77.4441986 | 92.51 | Rohoic Creek | 020802071001 | Yes | M-1 | Chesapeake Bay; Appomattox River |
| 28 | 37.2174988 | -77.444397 | 7.32 | Rohoic Creek | 020802071001 | Yes | B-2 | Chesapeake Bay; Appomattox River |
| 29 | 37.2167015 | -77.4433975 | 0.74 | Rohoic Creek | 020802071001 | Yes | M-1 | Chesapeake Bay; Appomattox River |
| 30 | 37.2131004 | -77.4406967 | 43.39 | UT Rohoic Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 32 | 37.2029991 | -77.4442978 | 1.97 | Rohoic Creek | 020802071001 | Yes | R-1 | Chesapeake Bay; Appomattox River |
| 33 | 37.2005997 | -77.4438019 | 16.26 | Rohoic Creek | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 34 | 37.1991997 | -77.4427032 | 0.52 | Rohoic Creek | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 35 | 37.2000999 | -77.4433975 | 1.45 | UT Rohoic Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 36 | 37.2397995 | -77.362999 | 11.63 | Harrison Creek | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 37 | 37.2386017 | -77.3612976 | 7.17 | Harrison Creek | 020802071001 | Yes | M-1 | Chesapeake Bay; Appomattox River |
| 38 | 37.2372017 | -77.3612976 | 2.53 | Harrison Creek | 020802071001 | Yes | R-4 | Chesapeake Bay; Appomattox River |
| 39 | 37.2372017 | -77.3612976 | 0.47 | Harrison Creek | 020802071001 | Yes | R-4 | Chesapeake Bay; Appomattox River |
| 40 | 37.2369003 | -77.3616028 | 6.64 | Harrison Creek | 020802071001 | Yes | R-4 | Chesapeake Bay; Appomattox River |
| 41 | 37.2408981 | -77.3658981 | 0.92 | Harrison Creek | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 42 | 37.2405014 | -77.3679962 | 0.91 | UT Harrison Creek | 020802071001 | No | B-2 | Chesapeake Bay; Appomattox River |
| 43 | 37.239399 | -77.3722992 | 60.62 | UT Harrison Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 44 | 37.239399 | -77.3722992 | 0.45 | UT Harrison Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 45 | 37.2355003 | -77.3939972 | 24.51 | UT Blackwater Swamp | 030102020102 | No | Developed | Chesapeake Bay; Appomattox River |
| 46 | 37.2314987 | -77.3874969 | 65.40 | UT Poor Creek | 020802071001 | No | B-2 | Chesapeake Bay; Appomattox River |
| 47 | 37.2341995 | -77.3873978 | 0.38 | UT Poor Creek | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 48 | 37.235199 | -77.3871994 | 5.35 | Poor Creek | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 49 | 37.2312012 | -77.4057007 | 0.47 | Unsegmented rivers in J15 | 020802071001 | No | B-3 | Chesapeake Bay; Appomattox River |
| 50 | 37.2314987 | -77.4057999 | 0.22 | Unsegmented rivers in J15 | 020802071001 | No | B-3 | Chesapeake Bay; Appomattox River |
| 51 | 37.2313995 | -77.4060974 | 0.13 | Unsegmented rivers in J15 | 020802071001 | No | B-3 | Chesapeake Bay; Appomattox River |
| 52 | 37.2317009 | -77.405899 | 0.86 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 53 | 37.2316017 | -77.4061966 | 1.36 | UT Brickhouse Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 54 | 37.2317009 | -77.4064026 | 0.82 | UT Brickhouse Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 55 | 37.2318001 | -77.405899 | 0.24 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 56 | 37.2330017 | -77.4063034 | 0.20 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 57 | 37.2328987 | -77.4061966 | 3.28 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 58 | 37.2336998 | -77.406601 | 1.83 | UT Brickhouse Run | 020802071001 | No | M-2 | Chesapeake Bay; Appomattox River |

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|---|---|---|---|---|---|---|---|---|
| 59 | 37.2308998 | -77.4057007 | 0.31 | Unsegmented rivers in J15 | 020802071001 | No | B-3 | Chesapeake Bay; Appomattox River |
| 60 | 37.2308006 | -77.4057007 | 41.14 | Unsegmented rivers in J15 | 020802071001 | No | B-3 | Chesapeake Bay; Appomattox River |
| 61 | 37.2307014 | -77.4072037 | 3.99 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 62 | 37.2291985 | -77.4095001 | 2.91 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 63 | 37.2280006 | -77.4112015 | 3.03 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 64 | 37.2280006 | -77.4113007 | 1.73 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 65 | 37.2280006 | -77.4113007 | 0.30 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 66 | 37.2280006 | -77.4113998 | 1.33 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 67 | 37.2279015 | -77.4113998 | 0.25 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 68 | 37.2277985 | -77.4115982 | 1.94 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 69 | 37.2277985 | -77.4116974 | 1.95 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 70 | 37.2272987 | -77.4122009 | 5.30 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 71 | 37.2266006 | -77.4126968 | 1.83 | Unsegmented rivers in J15 | 020802071001 | No | R-3 | Chesapeake Bay; Appomattox River |
| 72 | 37.2270012 | -77.4144974 | 12.11 | UT Brickhouse Run | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 73 | 37.2261009 | -77.4125977 | 4.59 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 74 | 37.2256012 | -77.4123993 | 1.57 | Unsegmented rivers in J15 | 020802071001 | No | B-2 | Chesapeake Bay; Appomattox River |
| 75 | 37.2256012 | -77.4124985 | 0.45 | Unsegmented rivers in J15 | 020802071001 | No | B-2 | Chesapeake Bay; Appomattox River |
| 76 | 37.2251015 | -77.4121017 | 0.56 | Unsegmented rivers in J15 | 020802071001 | No | B-2 | Chesapeake Bay; Appomattox River |
| 77 | 37.2248993 | -77.4119034 | 1.21 | Unsegmented rivers in J15 | 020802071001 | No | B-2 | Chesapeake Bay; Appomattox River |
| 78 | 37.2246017 | -77.4116974 | 1.22 | Unsegmented rivers in J15 | 020802071001 | No | B-2 | Chesapeake Bay; Appomattox River |
| 79 | 37.2246017 | -77.4117966 | 8.90 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 80 | 37.2244987 | -77.4117966 | 2.32 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 81 | 37.2243996 | -77.4117966 | 4.59 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 82 | 37.2244987 | -77.4116974 | 0.51 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 83 | 37.2233009 | -77.4115982 | 1.97 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 84 | 37.2233009 | -77.4116974 | 5.37 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 85 | 37.2232018 | -77.4115982 | 1.87 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 86 | 37.2232018 | -77.4115982 | 2.47 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 87 | 37.2224998 | -77.4123001 | 6.03 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 88 | 37.2210999 | -77.4140015 | 0.63 | Unsegmented rivers in J15 | 020802071001 | No | B-2 | Chesapeake Bay; Appomattox River |
| 89 | 37.221199 | -77.4138031 | 0.67 | Unsegmented rivers in J15 | 020802071001 | No | B-2 | Chesapeake Bay; Appomattox River |
| 90 | 37.221199 | -77.4138031 | 3.63 | Unsegmented rivers in J15 | 020802071001 | No | B-2 | Chesapeake Bay; Appomattox River |
| 91 | 37.2214012 | -77.4135971 | 2.10 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 92 | 37.2201004 | -77.4151993 | 2.74 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 94 | 37.2200012 | -77.4152985 | 2.99 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 95 | 37.2201004 | -77.4152985 | 12.67 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 97 | 37.219101 | -77.4167023 | 2.66 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 98 | 37.2192001 | -77.4166031 | 13.23 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 99 | 37.2192001 | -77.4166031 | 1.45 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 100 | 37.218399 | -77.4178009 | 0.12 | Unsegmented rivers in J15 | 020802071001 | No | R-3 | Chesapeake Bay; Appomattox River |
| 101 | 37.2182999 | -77.4179993 | 0.29 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 102 | 37.2182999 | -77.4179001 | 0.15 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 103 | 37.2182007 | -77.4180984 | 4.38 | Unsegmented rivers in J15 | 020802071001 | No | R-5 | Chesapeake Bay; Appomattox River |
| 104 | 37.2178993 | -77.418602 | 3.70 | Unsegmented rivers in J15 | 020802071001 | No | R-3 | Chesapeake Bay; Appomattox River |
| 105 | 37.2181015 | -77.4201965 | 7.33 | Unsegmented rivers in J15 | 020802071001 | No | R-5 | Chesapeake Bay; Appomattox River |
| 106 | 37.2173996 | -77.4243011 | 0.34 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 107 | 37.2173996 | -77.4243011 | 0.26 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 108 | 37.2150993 | -77.4207993 | 1.17 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 109 | 37.2150002 | -77.4207001 | 9.58 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 110 | 37.2141991 | -77.4199982 | 3.66 | Unsegmented rivers in J15 | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 111 | 37.2122002 | -77.4184036 | 17.65 | Unsegmented rivers in J15 | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 112 | 37.2136993 | -77.4154968 | 0.59 | UT Brickhouse Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 113 | 37.2136993 | -77.4151993 | 0.07 | UT Brickhouse Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 114 | 37.2123985 | -77.4160995 | 7.06 | UT Brickhouse Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 115 | 37.2102013 | -77.4176025 | 1.24 | UT Brickhouse Run | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 116 | 37.2172012 | -77.425499 | 0.85 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 117 | 37.2168999 | -77.4257965 | 1.43 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |

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|---|---|---|---|---|---|---|---|---|
| 118 | 37.2168007 | -77.4260025 | 0.64 | Unsegmented rivers in J15 | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 119 | 37.2167015 | -77.4262009 | 0.39 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 120 | 37.2165985 | -77.4263 | 5.19 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 121 | 37.2164993 | -77.4263992 | 2.55 | Unsegmented rivers in J15 | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 122 | 37.216301 | -77.4264984 | 82.44 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 123 | 37.2118988 | -77.4272995 | 2.72 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 124 | 37.2148018 | -77.4288025 | 4.95 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 125 | 37.2150993 | -77.4294968 | 0.93 | Unsegmented rivers in J15 | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 126 | 37.2137985 | -77.4297028 | 20.92 | UT Brickhouse Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 127 | 37.2144012 | -77.4309998 | 7.17 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 128 | 37.2142982 | -77.4311981 | 6.05 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 129 | 37.2140007 | -77.4317017 | 3.64 | Unsegmented rivers in J15 | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 130 | 37.2140007 | -77.4318008 | 5.81 | Unsegmented rivers in J15 | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 131 | 37.2146988 | -77.4324036 | 37.61 | Unsegmented rivers in J15 | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 132 | 37.2144012 | -77.4328003 | 2.45 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 133 | 37.2142982 | -77.4328995 | 3.34 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 134 | 37.2137985 | -77.4337006 | 1.90 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 135 | 37.2128983 | -77.4346008 | 1.22 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 136 | 37.2128983 | -77.4346008 | 10.47 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 137 | 37.2128983 | -77.4346008 | 0.08 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 138 | 37.2126999 | -77.4347 | 1.12 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 139 | 37.2127991 | -77.4347 | 11.62 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 140 | 37.2097015 | -77.4348984 | 7.42 | Unsegmented rivers in J15 | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 141 | 37.2084999 | -77.4339981 | 18.24 | Unsegmented rivers in J15 | 020802071001 | No | R-3 | Chesapeake Bay; Appomattox River |
| 142 | 37.2078018 | -77.4343033 | 10.15 | Unsegmented rivers in J15 | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 143 | 37.2067986 | -77.4325027 | 1.86 | UT Brickhouse Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 144 | 37.2069016 | -77.4320984 | 107.07 | UT Brickhouse Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 145 | 37.2060013 | -77.4345016 | 7.69 | Unsegmented rivers in J15 | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 146 | 37.2060013 | -77.4346008 | 2.08 | Unsegmented rivers in J15 | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 147 | 37.2033997 | -77.4358978 | 1.45 | UT Brickhouse Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 148 | 37.2033005 | -77.4358978 | 1.30 | UT Brickhouse Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 149 | 37.2033005 | -77.4358978 | 4.19 | UT Brickhouse Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 150 | 37.2028008 | -77.4180984 | 2.03 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 151 | 37.2028999 | -77.4179993 | 0.64 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 152 | 37.2033005 | -77.4168015 | 6.28 | Lieutenant Run | 020802071001 | Yes | R-1 | Chesapeake Bay; Appomattox River |
| 153 | 37.2336998 | -77.3965988 | 22.94 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 154 | 37.233799 | -77.3964996 | 4.59 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 155 | 37.233799 | -77.396698 | 0.16 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 156 | 37.2338982 | -77.3965988 | 0.35 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 157 | 37.2322998 | -77.3962021 | 7.30 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 158 | 37.2303009 | -77.3964996 | 3.36 | Lieutenant Run | 020802071001 | Yes | B-2 | Chesapeake Bay; Appomattox River |
| 159 | 37.2276001 | -77.3967972 | 2.47 | Lieutenant Run | 020802071001 | Yes | B-2 | Chesapeake Bay; Appomattox River |
| 160 | 37.2276001 | -77.3968964 | 16.16 | Lieutenant Run | 020802071001 | Yes | B-2 | Chesapeake Bay; Appomattox River |
| 161 | 37.2274017 | -77.3968964 | 0.72 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 162 | 37.2274017 | -77.3968964 | 13.50 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 163 | 37.2274017 | -77.3967972 | 1.11 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 164 | 37.2270012 | -77.396698 | 3.53 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 165 | 37.2238998 | -77.3983994 | 37.87 | UT Lieutenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 166 | 37.2238998 | -77.3985977 | 1.00 | UT Lieutenant Run | 020802071001 | No | R-3 | Chesapeake Bay; Appomattox River |
| 167 | 37.2238007 | -77.3988037 | 0.30 | UT Lieutenant Run | 020802071001 | No | R-3 | Chesapeake Bay; Appomattox River |
| 168 | 37.2238007 | -77.3988037 | 0.21 | UT Lieutenant Run | 020802071001 | No | R-3 | Chesapeake Bay; Appomattox River |
| 169 | 37.2234001 | -77.3988037 | 1.20 | UT Lieutenant Run | 020802071001 | No | R-3 | Chesapeake Bay; Appomattox River |
| 170 | 37.2224998 | -77.3989029 | 0.69 | UT Lieutenant Run | 020802071001 | No | R-3 | Chesapeake Bay; Appomattox River |
| 171 | 37.2223015 | -77.3989029 | 0.27 | UT Lieutenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 172 | 37.2223015 | -77.3989029 | 3.08 | UT Lieutenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 173 | 37.2221985 | -77.3990021 | 0.46 | UT Lieutenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 174 | 37.2145004 | -77.4077988 | 15.16 | UT Lieutenant Run | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |

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|---|---|---|---|---|---|---|---|---|
| 175 | 37.2098999 | -77.4057999 | 0.66 | UT Lietenant Run | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 176 | 37.2098999 | -77.4057007 | 4.22 | UT Lietenant Run | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 177 | 37.2097015 | -77.4067993 | 2.80 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 178 | 37.2095985 | -77.4079971 | 0.51 | UT Lietenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 179 | 37.2095985 | -77.4079971 | 0.30 | UT Lietenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 180 | 37.2100983 | -77.408699 | 16.46 | UT Lieutenant Run | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 181 | 37.2050018 | -77.4138031 | 3.99 | Lieutenant Run | 020802071001 | Yes | R-2 | Chesapeake Bay; Appomattox River |
| 182 | 37.2042999 | -77.4145966 | 3.66 | Lieutenant Run | 020802071001 | Yes | R-2 | Chesapeake Bay; Appomattox River |
| 183 | 37.2038002 | -77.4163971 | 12.44 | Lieutenant Run | 020802071001 | Yes | R-2 | Chesapeake Bay; Appomattox River |
| 184 | 37.2053986 | -77.4132004 | 4.40 | Lieutenant Run | 020802071001 | Yes | R-2 | Chesapeake Bay; Appomattox River |
| 185 | 37.206501 | -77.4115982 | 14.57 | Lieutenant Run | 020802071001 | Yes | R-2 | Chesapeake Bay; Appomattox River |
| 186 | 37.2067986 | -77.4111023 | 6.05 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 187 | 37.2067986 | -77.4110031 | 3.39 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 188 | 37.2249985 | -77.3951035 | 2.22 | Lieutenant Run | 020802071001 | Yes | R-3 | Chesapeake Bay; Appomattox River |
| 189 | 37.2243996 | -77.3942032 | 12.02 | Lieutenant Run | 020802071001 | Yes | R-3 | Chesapeake Bay; Appomattox River |
| 190 | 37.2243996 | -77.3943024 | 1.20 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 191 | 37.2242012 | -77.3942032 | 1.20 | Lieutenant Run | 020802071001 | Yes | R-3 | Chesapeake Bay; Appomattox River |
| 192 | 37.223999 | -77.393898 | 0.38 | Lieutenant Run | 020802071001 | Yes | R-3 | Chesapeake Bay; Appomattox River |
| 193 | 37.2242012 | -77.3940964 | 6.31 | Lieutenant Run | 020802071001 | Yes | R-3 | Chesapeake Bay; Appomattox River |
| 194 | 37.2242012 | -77.3942032 | 0.29 | Lieutenant Run | 020802071001 | Yes | R-3 | Chesapeake Bay; Appomattox River |
| 195 | 37.2178993 | -77.392601 | 0.53 | UT Lietenant Run | 020802071001 | No | R-3 | Chesapeake Bay; Appomattox River |
| 196 | 37.2178993 | -77.392601 | 0.55 | Lieutenant Run | 020802071001 | Yes | R-3 | Chesapeake Bay; Appomattox River |
| 197 | 37.2178001 | -77.3923035 | 14.89 | UT Lietenant Run | 020802071001 | No | R-3 | Chesapeake Bay; Appomattox River |
| 198 | 37.2178993 | -77.3933029 | 0.85 | Lieutenant Run | 020802071001 | Yes | R-1 | Chesapeake Bay; Appomattox River |
| 199 | 37.2178993 | -77.3934021 | 4.66 | Lieutenant Run | 020802071001 | Yes | RB | Chesapeake Bay; Appomattox River |
| 200 | 37.2169991 | -77.3943024 | 2.20 | Lieutenant Run | 020802071001 | Yes | R-1 | Chesapeake Bay; Appomattox River |
| 201 | 37.2158012 | -77.3965988 | 1.05 | Lieutenant Run | 020802071001 | Yes | R-1 | Chesapeake Bay; Appomattox River |
| 202 | 37.2156982 | -77.3965988 | 2.84 | Lieutenant Run | 020802071001 | Yes | R-1 | Chesapeake Bay; Appomattox River |
| 203 | 37.2158012 | -77.3965988 | 7.59 | Lieutenant Run | 020802071001 | Yes | R-1 | Chesapeake Bay; Appomattox River |
| 204 | 37.2158012 | -77.3965988 | 12.28 | Lieutenant Run | 020802071001 | Yes | R-1 | Chesapeake Bay; Appomattox River |
| 205 | 37.2140999 | -77.3976974 | 2.35 | Lieutenant Run | 020802071001 | Yes | R-1 | Chesapeake Bay; Appomattox River |
| 206 | 37.2196999 | -77.3848038 | 8.34 | UT Lieutenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 207 | 37.2195015 | -77.3864975 | 5.37 | UT Lieutenant Run | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 208 | 37.2205009 | -77.3880997 | 0.44 | UT Lieutenant Run | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 209 | 37.2212982 | -77.3869019 | 0.45 | UT Lieutenant Run | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 210 | 37.2228012 | -77.388298 | 12.04 | UT Lieutenant Run | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 211 | 37.2219009 | -77.3841019 | 13.72 | UT Lieutenant Run | 020802071001 | No | B-2 | Chesapeake Bay; Appomattox River |
| 212 | 37.2150002 | -77.3927994 | 4.54 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 213 | 37.2132988 | -77.3879013 | 1.63 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 214 | 37.2137985 | -77.3864975 | 1.10 | UT Lietenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 215 | 37.2162018 | -77.3879013 | 5.40 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 216 | 37.2144012 | -77.3909988 | 2.15 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 217 | 37.2118988 | -77.3843994 | 6.94 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 218 | 37.2126007 | -77.3862991 | 4.51 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 219 | 37.2132988 | -77.389801 | 5.47 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 220 | 37.2117004 | -77.3900986 | 4.26 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 221 | 37.2100983 | -77.3899994 | 4.92 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 222 | 37.214901 | -77.3940964 | 4.58 | UT Lietenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 223 | 37.2122993 | -77.3929977 | 7.76 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 224 | 37.2132988 | -77.3961029 | 11.28 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 225 | 37.2075996 | -77.4024963 | 5.80 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 226 | 37.2066994 | -77.4014969 | 2.24 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 227 | 37.2066994 | -77.4013977 | 5.87 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 228 | 37.2050018 | -77.4007034 | 4.37 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 229 | 37.2038002 | -77.3996964 | 4.06 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 230 | 37.203701 | -77.3995972 | 0.22 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 231 | 37.203701 | -77.3995972 | 2.71 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |

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|---|---|---|---|---|---|---|---|---|
| 232 | 37.2066994 | -77.4008026 | 3.33 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 233 | 37.206501 | -77.4005966 | 8.49 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 234 | 37.2098999 | -77.4009018 | 1.31 | UT Lietenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 235 | 37.2100983 | -77.4008026 | 10.15 | UT Lietenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 236 | 37.2109985 | -77.3999023 | 0.61 | Lieutenant Run | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 237 | 37.2112007 | -77.3988037 | 0.69 | Unsegmented rivers in J15 | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 238 | 37.2095985 | -77.3967972 | 8.83 | Unsegmented rivers in J15 | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 239 | 37.2095985 | -77.3948975 | 8.33 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 240 | 37.2094002 | -77.3947983 | 17.38 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 241 | 37.209301 | -77.3964996 | 4.13 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 242 | 37.2069016 | -77.3958969 | 7.81 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 243 | 37.2062988 | -77.3930969 | 1.92 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 244 | 37.2070007 | -77.3936996 | 7.44 | UT Lietenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 245 | 37.2113991 | -77.3989029 | 2.06 | Unsegmented rivers in J15 | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 246 | 37.2112999 | -77.3988037 | 2.39 | Unsegmented rivers in J15 | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 247 | 37.2089996 | -77.4030991 | 3.04 | Lieutenant Run | 020802071001 | Yes | R-1 | Chesapeake Bay; Appomattox River |
| 248 | 37.2089996 | -77.4030991 | 3.88 | Lieutenant Run | 020802071001 | Yes | R-1 | Chesapeake Bay; Appomattox River |
| 249 | 37.2030983 | -77.4060974 | 1.71 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 250 | 37.2027016 | -77.4052963 | 5.80 | Unsegmented rivers in J15 | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 251 | 37.2022018 | -77.4055023 | 0.22 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 252 | 37.2052994 | -77.4045029 | 8.52 | UT Lieutenant Run | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 253 | 37.2053986 | -77.4045029 | 1.96 | UT Lietenant Run | 020802071001 | No | R-4 | Chesapeake Bay; Appomattox River |
| 254 | 37.1945 | -77.407402 | 12.08 | UT Lieutenant Run | 020802071001 | No | R-1A | Chesapeake Bay; Appomattox River |
| 255 | 37.1945 | -77.4073029 | 19.90 | UT Lieutenant Run | 020802071001 | No | R-1A | Chesapeake Bay; Appomattox River |
| 256 | 37.1904984 | -77.408699 | 1.88 | Unsegmented rivers in J15 | 020802071001 | No | R-1A | Chesapeake Bay; Appomattox River |
| 257 | 37.1903992 | -77.408699 | 0.61 | Unsegmented rivers in J15 | 020802071001 | No | R-1A | Chesapeake Bay; Appomattox River |
| 258 | 37.1903992 | -77.4084015 | 0.90 | Unsegmented rivers in J15 | 020802071001 | No | R-1A | Chesapeake Bay; Appomattox River |
| 259 | 37.1903992 | -77.4084015 | 0.56 | Unsegmented rivers in J15 | 020802071001 | No | R-1A | Chesapeake Bay; Appomattox River |
| 260 | 37.1945 | -77.3945999 | 4.58 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 261 | 37.1953011 | -77.3945999 | 9.49 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 262 | 37.1954002 | -77.3945007 | 2.23 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 263 | 37.1974983 | -77.3939972 | 64.94 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 264 | 37.1973 | -77.3945999 | 5.78 | UT Lietenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 265 | 37.1972008 | -77.3946991 | 2.16 | UT Lietenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 266 | 37.1944008 | -77.3984985 | 2.30 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 267 | 37.1940994 | -77.3981018 | 4.04 | UT Lieutenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 268 | 37.1929016 | -77.398201 | 8.40 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 269 | 37.1968994 | -77.4007034 | 2.11 | UT Lietenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 270 | 37.2014008 | -77.3984985 | 3.33 | UT Lieutenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 271 | 37.2058983 | -77.3923035 | 17.35 | UT Lietenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 272 | 37.2058983 | -77.3911972 | 52.99 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 273 | 37.2056007 | -77.3916016 | 2.29 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 274 | 37.2336998 | -77.3840027 | 1.75 | UT Poor Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 275 | 37.2336998 | -77.384201 | 0.75 | UT Poor Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 276 | 37.2322998 | -77.3833008 | 2.07 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 277 | 37.2322006 | -77.3834991 | 0.33 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 278 | 37.2312012 | -77.3840027 | 0.06 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 279 | 37.2310982 | -77.3840027 | 0.10 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 280 | 37.2299995 | -77.3852997 | 5.02 | UT Poor Creek | 020802071001 | No | R-3 | Chesapeake Bay; Appomattox River |
| 281 | 37.2290993 | -77.3844986 | 0.13 | UT Poor Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 282 | 37.2293015 | -77.3845978 | 3.68 | UT Poor Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 283 | 37.2304993 | -77.3833008 | 0.16 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 284 | 37.2318993 | -77.3815994 | 5.68 | UT Poor Creek | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 285 | 37.2327995 | -77.3884964 | 7.51 | UT Poor Creek | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 286 | 37.2358017 | -77.3850021 | 0.80 | Poor Creek | 020802071001 | Yes | Developed | Chesapeake Bay; Appomattox River |
| 287 | 37.2358017 | -77.3859024 | 0.71 | Poor Creek | 020802071001 | Yes | M-2 | Chesapeake Bay; Appomattox River |
| 288 | 37.2363014 | -77.3843002 | 18.46 | Poor Creek | 020802071001 | Yes | NODATA | Chesapeake Bay; Appomattox River |

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|---|---|---|---|---|---|---|---|---|
| 289 | 37.2346001 | -77.3777008 | 4.51 | Poor Creek | 020802071001 | Yes | M-1 | Chesapeake Bay; Appomattox River |
| 290 | 37.2330017 | -77.3764038 | 1.77 | Poor Creek | 020802071001 | Yes | M-1 | Chesapeake Bay; Appomattox River |
| 291 | 37.2330017 | -77.3758011 | 1.77 | Poor Creek | 020802071001 | Yes | R-4 | Chesapeake Bay; Appomattox River |
| 292 | 37.232399 | -77.3757019 | 6.16 | Poor Creek | 020802071001 | Yes | R-4 | Chesapeake Bay; Appomattox River |
| 293 | 37.2113991 | -77.3824005 | 8.25 | Poor Creek | 020802071001 | Yes | R-4 | Chesapeake Bay; Appomattox River |
| 294 | 37.2117996 | -77.3806992 | 12.69 | Poor Creek | 020802071001 | Yes | R-1 | Chesapeake Bay; Appomattox River |
| 295 | 37.2106018 | -77.382103 | 2.19 | Poor Creek | 020802071001 | Yes | R-4 | Chesapeake Bay; Appomattox River |
| 296 | 37.2061005 | -77.3812027 | 9.28 | UT Poor Creek | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 297 | 37.2061005 | -77.3811035 | 7.01 | UT Poor Creek | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 298 | 37.2074013 | -77.3806 | 4.19 | UT Poor Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 299 | 37.2074013 | -77.3809967 | 1.75 | UT Poor Creek | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 300 | 37.2058983 | -77.3770981 | 0.22 | UT Poor Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 301 | 37.2057991 | -77.3769989 | 8.58 | UT Poor Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 302 | 37.2057991 | -77.3770981 | 2.02 | UT Poor Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 303 | 37.2055016 | -77.3774033 | 28.03 | UT Poor Creek | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 304 | 37.2069016 | -77.376503 | 2.03 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 305 | 37.2069016 | -77.3766022 | 2.99 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 306 | 37.2075996 | -77.376297 | 2.02 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 307 | 37.2075996 | -77.3764038 | 6.17 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 308 | 37.2084007 | -77.3768997 | 1.34 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 309 | 37.2084999 | -77.3767014 | 0.82 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 310 | 37.209301 | -77.376503 | 5.43 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 311 | 37.209301 | -77.3768005 | 2.46 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 312 | 37.2099991 | -77.3716965 | 5.27 | UT Poor Creek | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 313 | 37.2102013 | -77.3718033 | 4.03 | UT Poor Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 314 | 37.2154999 | -77.3622971 | 0.62 | UT Harrison Creek | 020802071001 | No | M-1 | Chesapeake Bay; Appomattox River |
| 315 | 37.2153015 | -77.3618011 | 2.10 | UT Harrison Creek | 020802071001 | No | B-2 | Chesapeake Bay; Appomattox River |
| 316 | 37.2181015 | -77.3619995 | 16.92 | UT Harrison Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 317 | 37.2187996 | -77.3608017 | 10.97 | UT Harrison Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 318 | 37.221199 | -77.3582993 | 8.19 | Harrison Creek | 020802071001 | Yes | R-1A | Chesapeake Bay; Appomattox River |
| 319 | 37.219101 | -77.3524017 | 15.25 | UT Harrison Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 320 | 37.2074013 | -77.3438034 | 0.51 | UT Blackwater Swamp | 030102020102 | No | M-2 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 321 | 37.2066002 | -77.342598 | 2.04 | UT Blackwater Swamp | 030102020102 | No | B-2 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 322 | 37.200901 | -77.3378983 | 3.70 | UT Blackwater Swamp | 030102020102 | No | R-4 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 323 | 37.2013016 | -77.3395996 | 3.95 | UT Blackwater Swamp | 030102020102 | No | R-4 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 324 | 37.202301 | -77.3405991 | 3.99 | UT Blackwater Swamp | 030102020102 | No | R-4 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 325 | 37.2022018 | -77.3404999 | 5.34 | UT Blackwater Swamp | 030102020102 | No | R-4 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 326 | 37.1901016 | -77.3468018 | 1.98 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 327 | 37.1901016 | -77.3468018 | 2.49 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 328 | 37.1846008 | -77.3451004 | 12.13 | UT Blackwater Swamp | 030102020102 | No | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 329 | 37.1842995 | -77.3460007 | 2.99 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 330 | 37.1837006 | -77.3432007 | 28.40 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 331 | 37.1755981 | -77.3547974 | 13.34 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 332 | 37.1749992 | -77.3591995 | 5.58 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 333 | 37.1725006 | -77.3625031 | 2.65 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 334 | 37.1725006 | -77.3626022 | 5.17 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 335 | 37.1724014 | -77.3626022 | 1.90 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 336 | 37.1724014 | -77.3625031 | 2.41 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 337 | 37.1727982 | -77.3626022 | 21.26 | UT Blackwater Swamp | 030102020102 | No | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 338 | 37.1783981 | -77.3562012 | 2.04 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 339 | 37.1792984 | -77.357399 | 1.08 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 340 | 37.1792984 | -77.357399 | 3.18 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 341 | 37.1792984 | -77.3688965 | 0.62 | UT Blackwater Swamp | 030102020102 | No | PUD | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 342 | 37.1800995 | -77.3695984 | 0.97 | UT Blackwater Swamp | 030102020102 | No | PUD | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 343 | 37.1799011 | -77.3697968 | 5.60 | UT Blackwater Swamp | 030102020102 | No | PUD | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 344 | 37.1809006 | -77.3703003 | 7.25 | UT Blackwater Swamp | 030102020102 | No | PUD | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 345 | 37.1776009 | -77.3712997 | 0.46 | UT Blackwater Swamp | 030102020102 | No | PUD | Blackwater Swamp, Warwick Swamp, Second Swamp |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 346 | 37.1777 | -77.3712997 | 0.41 | UT Blackwater Swamp | 030102020102 | No | PUD | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 347 | 37.1780014 | -77.3712997 | 0.48 | UT Blackwater Swamp | 030102020102 | No | PUD | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 348 | 37.1786003 | -77.3713989 | 0.89 | UT Blackwater Swamp | 030102020102 | No | PUD | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 349 | 37.1796989 | -77.3713989 | 0.64 | UT Blackwater Swamp | 030102020102 | No | PUD | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 350 | 37.1777992 | -77.3728027 | 0.32 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 351 | 37.1778984 | -77.3728027 | 1.57 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 352 | 37.1837997 | -77.3712006 | 3.12 | UT Blackwater Swamp | 030102020102 | No | PUD | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 353 | 37.1871986 | -77.3693008 | 20.83 | Blackwater Swamp | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 354 | 37.1873016 | -77.3693008 | 1.34 | Blackwater Swamp | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 355 | 37.1870995 | -77.3694992 | 12.12 | Blackwater Swamp | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 356 | 37.1871986 | -77.3695984 | 3.26 | Blackwater Swamp | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 357 | 37.1879005 | -77.3606033 | 0.71 | UT Blackwater Swamp | 030102020102 | No | NODATA | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 358 | 37.1878014 | -77.3606033 | 0.94 | UT Blackwater Swamp | 030102020102 | No | NODATA | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 359 | 37.1874008 | -77.3602982 | 2.02 | UT Blackwater Swamp | 030102020102 | No | NODATA | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 360 | 37.1874008 | -77.3600998 | 3.21 | UT Blackwater Swamp | 030102020102 | No | NODATA | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 361 | 37.1866989 | -77.3600006 | 0.13 | UT Blackwater Swamp | 030102020102 | No | NODATA | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 362 | 37.1866989 | -77.3600006 | 0.15 | UT Blackwater Swamp | 030102020102 | No | NODATA | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 363 | 37.1892014 | -77.3618011 | 2.12 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 364 | 37.1893005 | -77.3623962 | 8.07 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 365 | 37.1892014 | -77.361702 | 1.11 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 366 | 37.2271004 | -77.384697 | 28.47 | UT Lieutenant Run | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 367 | 37.2282982 | -77.3812027 | 20.53 | Unsegmented rivers in J15 | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 368 | 37.1856003 | -77.3776016 | 2.39 | UT Blackwater Swamp | 030102020102 | No | NODATA | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 369 | 37.1896019 | -77.3824997 | 0.86 | UT Blackwater Swamp | 030102020102 | No | R-1A | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 370 | 37.2010002 | -77.3646011 | 9.30 | Blackwater Swamp | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 371 | 37.1991005 | -77.3656998 | 6.91 | Blackwater Swamp | 030102020102 | Yes | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 372 | 37.1991005 | -77.3659973 | 1.28 | Blackwater Swamp | 030102020102 | Yes | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 373 | 37.1972008 | -77.3684998 | 1.49 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 374 | 37.1976013 | -77.3690033 | 3.02 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 375 | 37.1973 | -77.3702011 | 4.76 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 376 | 37.1973 | -77.3718033 | 8.11 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 377 | 37.1973 | -77.3722 | 6.91 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 378 | 37.2011986 | -77.367897 | 2.83 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 379 | 37.2011986 | -77.3679962 | 16.84 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 380 | 37.2010994 | -77.367897 | 0.60 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 381 | 37.2010994 | -77.367897 | 3.46 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 382 | 37.1986008 | -77.375 | 2.51 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 383 | 37.1986008 | -77.3749008 | 0.43 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 384 | 37.1991005 | -77.3759995 | 5.65 | UT Blackwater Swamp | 030102020102 | No | B-2 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 385 | 37.1999016 | -77.3756027 | 0.64 | UT Blackwater Swamp | 030102020102 | No | RB | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 386 | 37.2013016 | -77.3742981 | 6.00 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 387 | 37.2013016 | -77.3741989 | 11.93 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 388 | 37.2010994 | -77.375 | 3.64 | UT Blackwater Swamp | 030102020102 | No | RB | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 389 | 37.200901 | -77.3755035 | 2.10 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 390 | 37.2008018 | -77.3756027 | 5.16 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 391 | 37.1976013 | -77.3766022 | 2.98 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 392 | 37.1976013 | -77.3768997 | 9.50 | Unsegmented Rivers in K31 | 030102020102 | Yes | B-2 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 393 | 37.1974983 | -77.3768997 | 2.38 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 394 | 37.1885986 | -77.3863983 | 0.87 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 395 | 37.1885986 | -77.3863983 | 14.18 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 396 | 37.1889992 | -77.3863983 | 0.50 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-1A | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 397 | 37.1889992 | -77.3862 | 0.36 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 398 | 37.1890984 | -77.3877029 | 16.37 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 399 | 37.1898994 | -77.3851013 | 3.13 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 401 | 37.1911011 | -77.3848038 | 20.74 | UT Blackwater Swamp | 030102020102 | No | R-1A | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 402 | 37.1906013 | -77.3836975 | 0.81 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-1A | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 403 | 37.1906013 | -77.3834991 | 0.97 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-1A | Blackwater Swamp, Warwick Swamp, Second Swamp |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 404 | 37.1904984 | -77.3834991 | 1.43 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-1A | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 405 | 37.1906013 | -77.382103 | 0.66 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 406 | 37.1907005 | -77.3820038 | 3.25 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 407 | 37.1907005 | -77.3822021 | 1.84 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-1A | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 408 | 37.1917 | -77.3807983 | 0.32 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 409 | 37.1917992 | -77.3806 | 4.09 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 410 | 37.1917992 | -77.3807983 | 4.57 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 411 | 37.1922989 | -77.3806992 | 2.14 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 412 | 37.1931992 | -77.3794022 | 9.25 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 413 | 37.1932983 | -77.3795013 | 0.43 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 414 | 37.1934013 | -77.3794022 | 6.41 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 415 | 37.1953011 | -77.3779984 | 0.49 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 416 | 37.1940002 | -77.3783035 | 1.35 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-4 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 417 | 37.1943016 | -77.3781967 | 1.39 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-4 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 418 | 37.1949005 | -77.3771973 | 0.61 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-4 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 419 | 37.1966019 | -77.3778992 | 8.75 | UT Blackwater Swamp | 030102020102 | No | B-2 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 420 | 37.1959991 | -77.3796005 | 1.27 | UT Blackwater Swamp | 030102020102 | No | R-1A | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 421 | 37.1954994 | -77.3805008 | 0.94 | UT Blackwater Swamp | 030102020102 | No | R-1A | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 422 | 37.2010994 | -77.3828964 | 27.92 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 423 | 37.2014008 | -77.3865967 | 1.77 | UT Blackwater Swamp | 030102020102 | No | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 424 | 37.2015991 | -77.3867035 | 2.72 | UT Blackwater Swamp | 030102020102 | No | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 425 | 37.2015991 | -77.3869019 | 2.10 | UT Blackwater Swamp | 030102020102 | No | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 426 | 37.2015991 | -77.3869019 | 0.90 | UT Blackwater Swamp | 030102020102 | No | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 427 | 37.2016983 | -77.3869019 | 18.56 | UT Blackwater Swamp | 030102020102 | No | R-1 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 428 | 37.1990013 | -77.3830032 | 29.70 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-4 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 429 | 37.1983986 | -77.3856964 | 22.42 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-4 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 430 | 37.1987 | -77.3859024 | 5.54 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-4 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 431 | 37.1986008 | -77.3861008 | 23.42 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-4 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 432 | 37.1992989 | -77.3852005 | 1.76 | Unsegmented Rivers in K31 | 030102020102 | Yes | R-4 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 433 | 37.2069016 | -77.3576965 | 18.17 | UT Blackwater Swamp | 030102020102 | No | PUD | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 434 | 37.2081985 | -77.3436966 | 0.29 | UT Blackwater Swamp | 030102020102 | No | B-2 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 435 | 37.1912994 | -77.3528976 | 4.55 | Unsegmented Rivers in K31 | 030102020102 | Yes | M-2 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 436 | 37.1916008 | -77.3538971 | 1.99 | Unsegmented Rivers in K31 | 030102020102 | Yes | M-2 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 437 | 37.2126007 | -77.3856964 | 1.61 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 438 | 37.2104988 | -77.3872986 | 2.54 | UT Lieutenant Run | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 439 | 37.2097015 | -77.3871994 | 9.83 | UT Lieutenant Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 440 | 37.1945992 | -77.4016037 | 2.02 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 441 | 37.1960983 | -77.3992996 | 2.94 | Unsegmented rivers in J15 | 020802071001 | No | R-1 | Chesapeake Bay; Appomattox River |
| 442 | 37.1977005 | -77.3766022 | 4.05 | Unsegmented Rivers in K31 | 030102020102 | Yes | B-2 | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 443 | 37.2100983 | -77.3414001 | 2.56 | Unsegmented Rivers in K31 | 030102020102 | Yes | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 444 | 37.1901016 | -77.3468018 | 7.36 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 450 | 37.2434998 | -77.3707962 | 2.26 | Harrison Creek | 020802071001 | Yes | M-2 | Chesapeake Bay; Appomattox River |
| 451 | 37.2434998 | -77.370903 | 0.72 | Harrison Creek | 020802071001 | Yes | M-2 | Chesapeake Bay; Appomattox River |
| 453 | 37.2196007 | -77.3495026 | 0.31 | UT Harrison Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 454 | 37.2196007 | -77.3495026 | 2.57 | UT Harrison Creek | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 455 | 37.1808014 | -77.3742981 | 12.17 | UT Blackwater Swamp | 030102020102 | No | PUD | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 456 | 37.1898994 | -77.3963013 | 3.81 | Unsegmented rivers in J15 | 020802071001 | No | NODATA | Chesapeake Bay; Appomattox River |
| 457 | 37.1901016 | -77.3961029 | 4.86 | Unsegmented rivers in J15 | 020802071001 | No | NODATA | Chesapeake Bay; Appomattox River |
| 458 | 37.1908989 | -77.3952026 | 5.16 | Unsegmented rivers in J15 | 020802071001 | No | R-1A | Chesapeake Bay; Appomattox River |
| 459 | 37.1925011 | -77.393898 | 1.25 | UT Lietenant Run | 020802071001 | No | R-1A | Chesapeake Bay; Appomattox River |
| 460 | 37.1949005 | -77.3890991 | 1.14 | UT Blackwater Swamp | 030102020102 | No | Developed | Blackwater Swamp, Warwick Swamp, Second Swamp |
| 461 | 37.1882019 | -77.3970032 | 1.95 | Unsegmented rivers in J15 | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 462 | 37.2215004 | -77.4001007 | 190.73 | UT Lieutenant Run | 020802071001 | No | RB | Chesapeake Bay; Appomattox River |
| 463 | 37.2141991 | -77.3999023 | 3.99 | UT Lieutenant Run | 020802071001 | No | R-2 | Chesapeake Bay; Appomattox River |
| 464 | 37.2154007 | -77.4143982 | 0.54 | UT Brickhouse Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 465 | 37.2150002 | -77.414299 | 4.51 | UT Brickhouse Run | 020802071001 | No | Developed | Chesapeake Bay; Appomattox River |
| 466 | 37.1882019 | -77.3722 | 2.81 | UT Blackwater Swamp | 030102020102 | No | NODATA | Blackwater Swamp, Warwick Swamp, Second Swamp |

**City of Petersburg**
**MS4 Outfall Screening Summary**
**2020**

| Count | Outfall ID | Date | Illicit Discharge Detected? |
|---|---|---|---|
| 1 | 326 | 5/14/2020 | Unlikely |
| 2 | 327 | 5/14/2020 | Unlikely |
| 3 | 328 | 5/14/2020 | Unlikely |
| 4 | 329 | 5/14/2020 | Unlikely |
| 5 | 330 | 5/14/2020 | Unlikely |
| 6 | 332 | 5/14/2020 | Suspected |
| 7 | 333 | 5/14/2020 | Unlikely |
| 8 | 334 | 5/14/2020 | Unlikely |
| 9 | 335 | 5/14/2020 | Unlikely |
| 10 | 336 | 5/14/2020 | Unlikely |
| 11 | 337 | 5/14/2020 | Unlikely |
| 12 | 338 | 5/14/2020 | Unlikely |
| 13 | 339 | 5/14/2020 | Unlikely |
| 14 | 340 | 5/14/2020 | Unlikely |
| 15 | 341 | 5/14/2020 | Unlikely |
| 16 | 342 | 5/14/2020 | Unlikely |
| 17 | 343 | 5/14/2020 | Unlikely |
| 18 | 344 | 5/14/2020 | Unlikely |
| 19 | 370 | 5/14/2020 | Unlikely |
| 20 | 371 | 5/14/2020 | Unlikely |
| 21 | 374 | 5/14/2020 | Unlikely |
| 22 | 375 | 5/14/2020 | Unlikely |
| 23 | 376 | 5/14/2020 | Unlikely |
| 24 | 377 | 5/14/2020 | Unlikely |
| 25 | 378 | 5/14/2020 | Unlikely |
| 26 | 379 | 5/14/2020 | Unlikely |
| 27 | 380 | 5/14/2020 | Unlikely |
| 28 | 381 | 5/14/2020 | Unlikely |
| 29 | 382 | 5/14/2020 | Unlikely |
| 30 | 383 | 5/14/2020 | Unlikely |
| 31 | 384 | 5/14/2020 | Suspected |
| 32 | 385 | 5/14/2020 | Unlikely |
| 33 | 394 | 5/14/2020 | Unlikely |
| 34 | 395 | 5/14/2020 | Unlikely |
| 35 | 396 | 5/14/2020 | Unlikely |
| 36 | 397 | 5/14/2020 | Unlikely |
| 37 | 398 | 5/14/2020 | Unlikely |
| 38 | 399 | 5/14/2020 | Unlikely |
| 39 | 402 | 5/14/2020 | Unlikely |
| 40 | 403 | 5/14/2020 | Unlikely |
| 41 | 404 | 5/14/2020 | Unlikely |
| 42 | 405 | 5/14/2020 | Unlikely |
| 43 | 407 | 5/14/2020 | Unlikely |
| 44 | 408 | 5/14/2020 | Unlikely |
| 45 | 409 | 5/14/2020 | Unlikely |
| 46 | 410 | 5/14/2020 | Unlikely |
| 47 | 411 | 5/14/2020 | Unlikely |
| 48 | 416 | 5/14/2020 | Unlikely |
| 49 | 417 | 5/14/2020 | Unlikely |
| 50 | 428 | 6/22/2020 | Suspected |

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 326 | Date and Time: 05/14/2020 11:53 AM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 11:53 AM

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 326 | Date and Time: 05/14/2020 11:53 AM | Inspector: Jessica Slagle |

## VICINITY MAP


37.19006, -77.34676

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 327 | Date and Time: 05/14/2020 11:55 AM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 11:55 AM

Date

## NOTES

Build-up of sediment in outfall.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 327 | Date and Time: 05/14/2020 11:55 AM | Inspector: Jessica Slagle |

## VICINITY MAP


37.19007, -77.34681

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 328 | Date and Time: 05/14/2020 11:45 AM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 11:45 AM

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 328 | Date and Time: 05/14/2020 11:45 AM | Inspector: Jessica Slagle |

## VICINITY MAP


37.18459, -77.34514

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 329 | Date and Time: 05/14/2020 11:48 AM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 11:48 AM

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

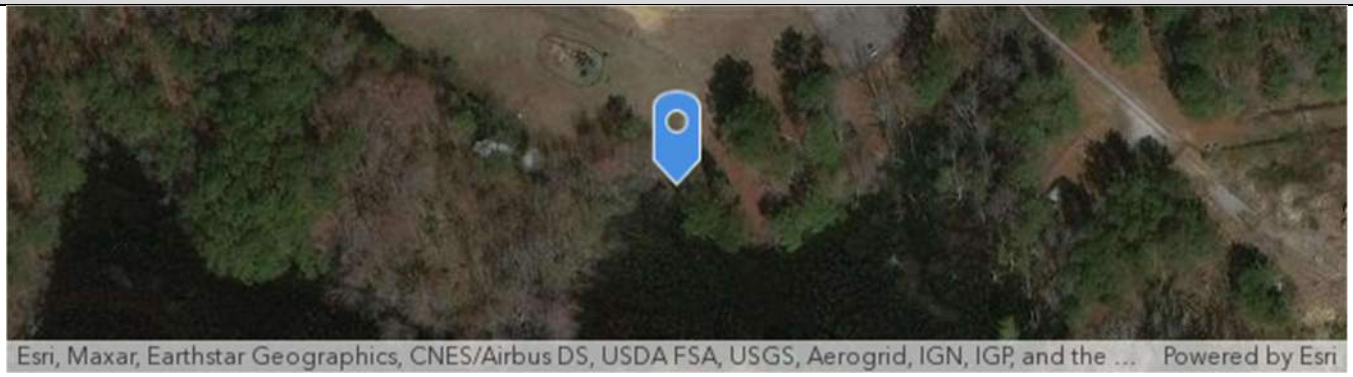
City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 329 | Date and Time: 05/14/2020 11:48 AM | Inspector: Jessica Slagle |

## VICINITY MAP




37.18426, -77.34605

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 330 | Date and Time: 05/14/2020 11:48 AM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 11:48 AM

Signature

Date

## NOTES

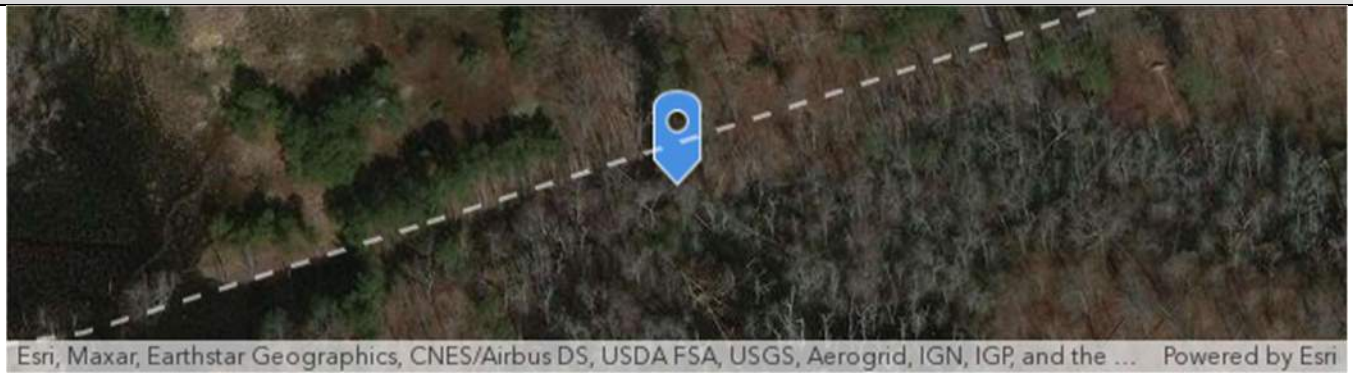
City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 330 | Date and Time: 05/14/2020 11:48 AM | Inspector: Matt Webb |

## VICINITY MAP




37.18368, -77.34307

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 332 | Date and Time: 05/14/2020 9:01 AM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | Yes | If yes: | Approx. Discharge Rate: | Moderate |
| | | | Approx. Depth of Flow (in): | 0.5 |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | **YES** | Other: Algae | 1 |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | **YES** | Excessive Algae | 2 |
| Pipe Benthic Growth | **YES** | Green | 3 |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Suspect |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 9:01 AM

Signature

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 332 | Date and Time: 05/14/2020 9:01 AM | Inspector: Matt Webb |

## VICINITY MAP


37.17504, -77.35922

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 333 | Date and Time: 05/14/2020 8:33 AM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 8:33 AM

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 333 | Date and Time: 05/14/2020 8:33 AM | Inspector: Jessica Slagle |

## VICINITY MAP


37.17246, -77.36253

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 334 | Date and Time: 05/14/2020 8:35 AM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 8:35 AM

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 334 | Date and Time: 05/14/2020 8:35 AM | Inspector: Jessica Slagle |

## VICINITY MAP


37.17252, -77.36254

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 335 | Date and Time: 05/14/2020 8:26 AM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 8:26 AM

Date

## NOTES

Build-up of trash and debris in outfall

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 335 | Date and Time: 05/14/2020 8:26 AM | Inspector: Jessica Slagle |

## VICINITY MAP


37.1724, -77.36253

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 336 | Date and Time: 05/14/2020 8:30 AM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Matt Webb

05/14/2020 8:30 AM

Signature

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 336 | Date and Time: 05/14/2020 8:30 AM | Inspector: Matt Webb |

## VICINITY MAP


37.1724, -77.36252

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 337 | Date and Time: 05/14/2020 8:49 AM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 8:49 AM

Date

## NOTES

The outfall is the double barrel culvert that discharges the upstream ditches (not pictured) to the receiving waterbody.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 337 | Date and Time: 05/14/2020 8:49 AM | Inspector: Jessica Slagle |

## VICINITY MAP


37.17285, -77.36268

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 338 | Date and Time: 05/14/2020 9:06 AM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 9:06 AM

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 338 | Date and Time: 05/14/2020 9:06 AM | Inspector: Jessica Slagle |

## VICINITY MAP


37.17849, -77.3562

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 339 | Date and Time: 05/14/2020 9:10 AM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | **Yes** | Excessive Algae | 3 |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 9:10 AM

Date

## NOTES

The outfall is the black, 12” corrugated plastic pipe.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 339 | Date and Time: 05/14/2020 9:10 AM | Inspector: Jessica Slagle |

## VICINITY MAP


37.17937, -77.3574

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 340 | Date and Time: 05/14/2020 9:12 AM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 9:12 AM

Date

## NOTES

The outfall is the 12” RCP pipe that discharges the road-way ditch into the channel.

City of Petersburg Department of Public Works
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Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 340 | Date and Time: 05/14/2020 9:12 AM | Inspector: Jessica Slagle |

## VICINITY MAP


37.17931, -77.35743

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 341 | Date and Time: 05/14/2020 10:47 AM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 10:47 AM

Signature _____ Date _____

## NOTES

Outfall is too overgrown to thoroughly inspect or photo.

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# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 341 | Date and Time: 05/14/2020 10:47 AM | Inspector: Matt Webb |

## VICINITY MAP


37.17937, -77.36892

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 342 | Date and Time: 05/14/2020 10:50 AM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 10:50 AM

Date

## NOTES

Build-up of sediment in outfall.

City of Petersburg Department of Public Works
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Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 342 | Date and Time: 05/14/2020 10:50 AM | Inspector: Jessica Slagle |

## VICINITY MAP


37.1801, -77.36961

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 343 | Date and Time: 05/14/2020 10:44 AM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

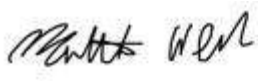
| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | 3 |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."



05/14/2020 10:44 AM

Signature

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

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Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 343 | Date and Time: 05/14/2020 10:44 AM | Inspector: Matt Webb |

## VICINITY MAP


37.17991, -77.3698

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 STORMWATER OUTFALL SCREENING

## DESCRIPTION

| | | |
|---|---|---|
| Outfall ID: 344 | Date and Time: 05/14/2020 10:45 AM | Inspector: Jessica Slagle |

## LAST RAINFALL

| | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

## FLOW

| | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

## POTENTIAL POLLUTANT INDICATORS

| Indicator | Present? | Description | Relative Severity Index (1-3) |
|---|---|---|---|
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

## DETERMINATION

| | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 10:45 AM

Date

## NOTES

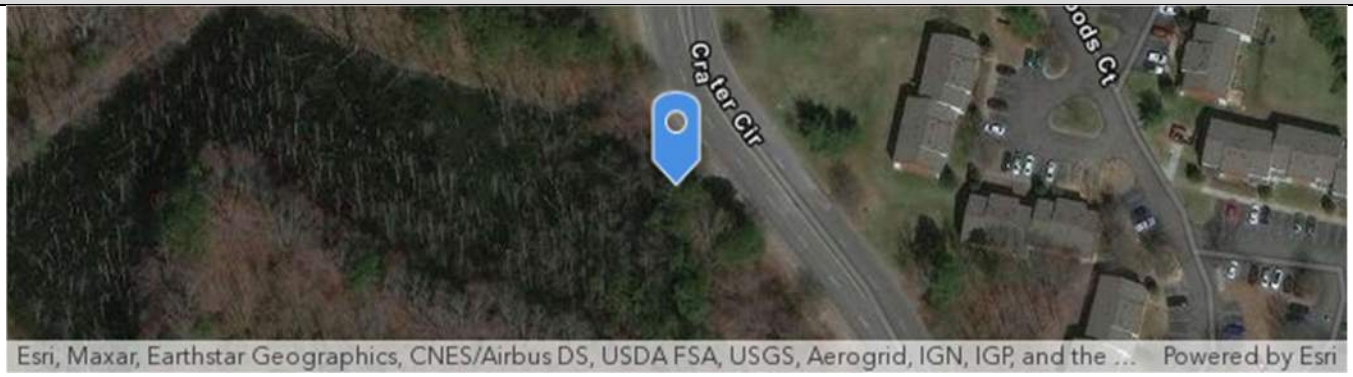
City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 344 | Date and Time: 05/14/2020 10:45 AM | Inspector: Jessica Slagle |

## VICINITY MAP




37.18094, -77.37026

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 370 | Date and Time: 05/14/2020 3:19 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 3:19 PM

Signature

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

City of Petersburg Department of Public Works
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Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 370 | Date and Time: 05/14/2020 3:19 PM | Inspector: Matt Webb |

## VICINITY MAP


37.20102, -77.36463

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 371 | Date and Time: 05/14/2020 3:34 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 3:34 PM

Signature

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

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Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 371 | Date and Time: 05/14/2020 3:34 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19912, -77.36573

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 374 | Date and Time: 05/14/2020 2:34 PM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 2:34 PM

Date

## NOTES

The outfall is the curb-cut that discharges to the receiving waterbody.

City of Petersburg Department of Public Works
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# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 374 | Date and Time: 05/14/2020 2:34 PM | Inspector: Jessica Slagle |

## VICINITY MAP


37.1976, -77.36904

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 375 | Date and Time: 05/14/2020 2:30 PM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 2:30 PM

Date

## NOTES

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 375 | Date and Time: 05/14/2020 2:30 PM | Inspector: Jessica Slagle |

## VICINITY MAP


37.19733, -77.3702

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 376 | Date and Time: 05/14/2020 2:31 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | Yes | If yes: | Approx. Discharge Rate: | Trickle |
| | | | Approx. Depth of Flow (in): | 0.1 |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 2:31 PM

Signature

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 376 | Date and Time: 05/14/2020 2:31 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19735, -77.37173

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 377 | Date and Time: 05/14/2020 2:29 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 2:29 PM

Signature

Date

## NOTES

Outfall is severely back watered.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 377 | Date and Time: 05/14/2020 2:29 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19736, -77.37214

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 378 | Date and Time: 05/14/2020 3:11 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Matt Webb

05/14/2020 3:11 PM

Signature

Date

## NOTES

The outfall is the curb-cut/ditch that discharges to the receiving water.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 378 | Date and Time: 05/14/2020 3:11 PM | Inspector: Matt Webb |

## VICINITY MAP


37.20131, -77.36789

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 379 | Date and Time: 05/14/2020 3:09 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | Yes | If yes: | Approx. Discharge Rate: | Moderate |
| | | | Approx. Depth of Flow (in): | 1 |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 3:09 PM

Signature

Date

## NOTES

The outfall is the ditch that discharges to the receiving water.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 379 | Date and Time: 05/14/2020 3:09 PM | Inspector: Matt Webb |

## VICINITY MAP


37.20128, -77.36796

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 380 | Date and Time: 05/14/2020 3:07 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 3:07 PM

Signature

Date

## NOTES

The outfall is the ditch that discharges to the receiving waterbody.

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103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 380 | Date and Time: 05/14/2020 3:07 PM | Inspector: Matt Webb |

## VICINITY MAP


37.2011, -77.36784

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 381 | Date and Time: 05/14/2020 3:04 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Matthew Webb

05/14/2020 3:04 PM

Signature

Date

## NOTES

The outfall is the ditch that discharges to the receiving waterbody.

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Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 381 | Date and Time: 05/14/2020 3:04 PM | Inspector: Matt Webb |

## VICINITY MAP


37.20112, -77.36792

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 382 | Date and Time: 05/14/2020 2:20 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 2:20 PM

Signature

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 382 | Date and Time: 05/14/2020 2:20 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19862, -77.3749

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 383 | Date and Time: 05/14/2020 2:21 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 2:21 PM

Signature

Date

| NOTES |
|---|
| Build-up of sediment in outfall. |

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# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 383 | Date and Time: 05/14/2020 2:21 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19863, -77.37492

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 384 | Date and Time: 05/14/2020 2:08 PM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | Yes | If yes: | Approx. Discharge Rate: | Trickle |
| | | | Approx. Depth of Flow (in): | 0.1 |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | **YES** | ExcessiveAlgae,Colors | 3 |
| Pipe Benthic Growth | **YES** | Orange | 3 |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | **Suspected** |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 2:08 PM

Date

## NOTES

Discharge appears to likely be from groundwater. Orange algae and organic film are typical of natural anaerobic bacteria. However, follow-up investigation is recommended

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# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 384 | Date and Time: 05/14/2020 2:08 PM | Inspector: Jessica Slagle |

## VICINITY MAP


-77.37607, 37.19907

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 385 | Date and Time: 05/14/2020 2:22 PM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | Yes | If yes: | Approx. Discharge Rate: | Trickle |
| | | | Approx. Depth of Flow (in): | 0.1 |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | **YES** | Colors,ExcessiveAlgae | 2 |
| Pipe Benthic Growth | **YES** | Orange | 2 |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 2:22 PM

Date

## NOTES

Likely groundwater present.

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# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 385 | Date and Time: 05/14/2020 2:22 PM | Inspector: Jessica Slagle |

## VICINITY MAP


37.19989, -77.37577

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 394 | Date and Time: 05/14/2020 1:20 PM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 1:20 PM

Date

## NOTES

The outfall is the culvert that discharges the upstream ditch (not pictured) to the receiving waterbody. Backwater is present.

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# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 394 | Date and Time: 05/14/2020 1:20 PM | Inspector: Jessica Slagle |

## VICINITY MAP


37.18863, -77.38639

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 395 | Date and Time: 05/14/2020 1:20 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | Yes | If yes: | Approx. Discharge Rate: | Trickle |
| | | | Approx. Depth of Flow (in): | 0.1 |

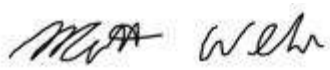
| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | **YES** | Other: Turbidity | 1 |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."



Signature

05/14/2020 1:20 PM

Date

## NOTES

The outfall is assumed to be where the upstream stormwater management facility (not pictured) discharges to the receiving water body.

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# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 395 | Date and Time: 05/14/2020 1:20 PM | Inspector: Matt Webb |

## VICINITY MAP


37.18861, -77.38635

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 396 | Date and Time: 05/14/2020 1:00 PM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 1:00 PM

Date

## NOTES

The outfall is where the ditch discharges to the receiving waterbody. There is a build-up of debris around the outfall

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# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 396 | Date and Time: 05/14/2020 1:00 PM | Inspector: Jessica Slagle |

## VICINITY MAP


37.18901, -77.38636

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 397 | Date and Time: 05/14/2020 12:59 PM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 12:59 PM

Date

## NOTES

The outfall is the ditch that discharges to the receiving waterbody.

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# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 397 | Date and Time: 05/14/2020 12:59 PM | Inspector: Jessica Slagle |

## VICINITY MAP


37.18907, -77.38618

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 398 | Date and Time: 05/14/2020 12:47 PM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 12:47 PM

Date

## NOTES

The outfall is the ditch that discharges to the receiving waterbody.

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# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 398 | Date and Time: 05/14/2020 12:47 PM | Inspector: Jessica Slagle |

## VICINITY MAP


37.18909, -77.38774

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 399 | Date and Time: 05/14/2020 1:07 PM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 1:07 PM

Date

## NOTES

Outfall partially obstructed by debris

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# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 399 | Date and Time: 05/14/2020 1:07 PM | Inspector: Jessica Slagle |

## VICINITY MAP


37.1899, -77.38504

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 402 | Date and Time: 05/14/2020 1:04 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | **YES** | Other: Turbidity | 2 |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 1:04 PM

Signature

Date

## NOTES

The outfall is the ditch that discharges to the receiving waterbody.

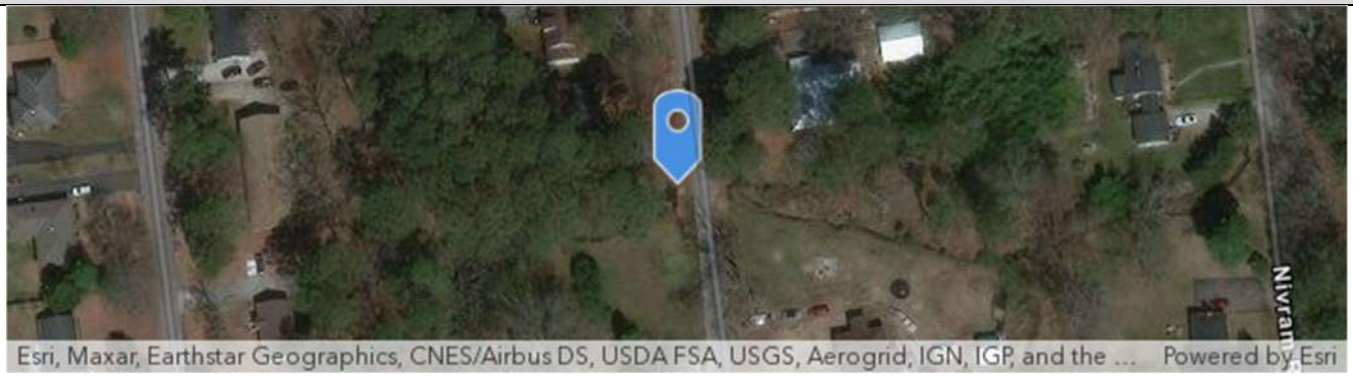
City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 402 | Date and Time: 05/14/2020 1:04 PM | Inspector: Matt Webb |

## VICINITY MAP




37.19058, -77.38371

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 403 | Date and Time: 05/14/2020 1:07 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Matt Webb

05/14/2020 1:07 PM

Signature

Date

## NOTES

The outfall is the ditch that discharges to the receiving waterbody.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 403 | Date and Time: 05/14/2020 1:07 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19057, -77.38351

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 404 | Date and Time: 05/14/2020 1:08 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 1:08 PM

Signature _____ Date _____

## NOTES

The outfall is the end of the ditch that discharges road drainage to the receiving waterbody.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 404 | Date and Time: 05/14/2020 1:08 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19057, -77.38356

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 405 | Date and Time: 05/14/2020 12:56 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | **YES** | ExcessiveAlgae,Other: Turbidity | 1 |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 12:56 PM

Signature

Date

## NOTES

The outfall is the end of the ditch that discharges road drainage to the receiving waterbody.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 405 | Date and Time: 05/14/2020 12:56 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19062, -77.38217

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESCRIPTION

| | | |
|---|---|---|
| Outfall ID: 407 | Date and Time: 05/14/2020 12:59 PM | Inspector: Matt Webb |

## LAST RAINFALL

| | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

## FLOW

| | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

## POTENTIAL POLLUTANT INDICATORS

| Indicator | Present? | Description | Relative Severity Index (1-3) |
|---|---|---|---|
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | YES | ExcessiveAlgae,Other: Turbidity | 1 |
| Pipe Benthic Growth | No | NA | NA |

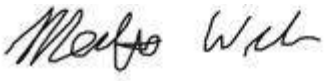
## DETERMINATION

| | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."



05/14/2020 12:59 PM

Signature

Date

## NOTES

The outfall is the end of the ditch that discharges road drainage to the receiving waterbody.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 407 | Date and Time: 05/14/2020 12:59 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19067, -77.3821

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 408 | Date and Time: 05/14/2020 12:50 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

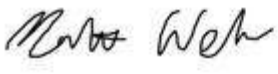
| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | **YES** | ExcessiveAlgae,Other: Turbidity | 2 |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."



05/14/2020 12:50 PM

Signature

Date

## NOTES

The outfall is the end of the ditch that discharges road drainage to the receiving waterbody.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 408 | Date and Time: 05/14/2020 12:50 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19168, -77.38069

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 409 | Date and Time: 05/14/2020 12:49 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

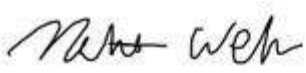
| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."



05/14/2020 12:49 PM

Signature

Date

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 409 | Date and Time: 05/14/2020 12:49 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19173, -77.38063

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 410 | Date and Time: 05/14/2020 12:52 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

05/14/2020 12:52 PM

Signature

Date

## NOTES

The outfall is the end of the ditch that discharges road drainage to the receiving waterbody.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 410 | Date and Time: 05/14/2020 12:52 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19173, -77.3807

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 411 | Date and Time: 05/14/2020 12:45 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

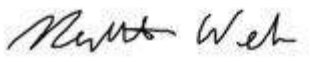
| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | **YES** | ExcessiveAlgae, Turbidity | 2 |
| Pipe Benthic Growth | **YES** | Algae | 1 |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."



05/14/2020 12:45 PM

Signature _____ Date _____

## NOTES

**If an illicit discharge is suspected**, immediately contact the Stormwater Program Manager at (804)-733-2357.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 411 | Date and Time: 05/14/2020 12:45 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19227, -77.38068

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 STORMWATER OUTFALL SCREENING

## DESCRIPTION

| | | |
|---|---|---|
| Outfall ID: 416 | Date and Time: 05/14/2020 1:51 PM | Inspector: Jessica Slagle |

## LAST RAINFALL

| | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

## FLOW

| | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

## POTENTIAL POLLUTANT INDICATORS

| Indicator | Present? | Description | Relative Severity Index (1-3) |
|---|---|---|---|
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

## DETERMINATION

| | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

05/14/2020 1:51 PM

Date

## NOTES

Backwater present

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 416 | Date and Time: 05/14/2020 1:51 PM | Inspector: Jessica Slagle |

## VICINITY MAP


37.19398, -77.37827

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 417 | Date and Time: 05/14/2020 1:51 PM | Inspector: Matt Webb |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.34 | End Date: May 6, 2020 | Approx. End Time: 07:00 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

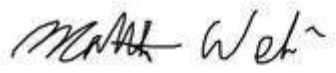
| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | No | NA | NA |
| Pipe Benthic Growth | No | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | Unlikely |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."



05/14/2020 1:51 PM

Signature

Date

## NOTES

The outfall is the end of the cur cut that discharges to the receiving waterbody.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 417 | Date and Time: 05/14/2020 1:51 PM | Inspector: Matt Webb |

## VICINITY MAP


37.19429, -77.378

## PHOTOGRAPHS

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

| DESCRIPTION | | |
|---|---|---|
| Outfall ID: 428 | Date and Time: 06/22/2020 1:16 PM | Inspector: Jessica Slagle |

| LAST RAINFALL | | |
|---|---|---|
| Depth (in): 0.29 | End Date: June 19, 2020 | Approx. End Time: 22:15 |
| Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university | | |

| FLOW | | | | |
|---|---|---|---|---|
| Present? | No | If yes: | Approx. Discharge Rate: | NA |
| | | | Approx. Depth of Flow (in): | NA |

| POTENTIAL POLLUTANT INDICATORS | | | |
|---|---|---|---|
| **Indicator** | **Present?** | **Description** | **Relative Severity Index (1-3)** |
| Odor | No | NA | NA |
| Turbidity | No | See Severity Index | NA |
| Floatables | No | NA | NA |
| Deposits/Stains | No | NA | NA |
| Poor Pool Quality | **YES** | ExcessiveAlgae | 2 |
| Pipe Benthic Growth | **Inaccessible** | NA | NA |

| DETERMINATION | |
|---|---|
| Was an illicit discharge detected? | **Suspect** |

## CERTIFICATION:

If no suspected illicit discharge is identified, certify the following:

"I certify that the outfall inspection is complete and that no illicit discharge is evident at this time."

Signature

06/22/2020 1:16 PM

Date

## NOTES

The outfall was submerged and could not be thoroughly inspected.

City of Petersburg Department of Public Works
103 W. Tabb Street, Petersburg VA 23803
Phone: (804) 733-2355 Fax: (804) 733-2030

# MS4 Stormwater Outfall Screening

## DESRIPTION

| | | |
|---|---|---|
| Outfall ID: 428 | Date and Time: 06/22/2020 1:16 PM | Inspector: Jessica Slagle |

## VICINITY MAP


37.19902, -77.38305

## PHOTOGRAPHS