Christopher Newport University (CNU)
Municipal Separate Storm Sewer System (MS4) Annual Report
Reporting Year July 1st, 2023 – June 30th, 2024

Christopher Newport University
1 Avenue of the Arts
Newport News, VA 23606

Contents

Abbreviations

BMP	Best Management Practice
CFA	Certified Fertilizer Applicator
CGP	Construction General Permit
CNU	Christopher Newport University
DCR	Department of Conservation and Recreation
DEQ	Department of Environmental Quality
ESC	Erosion and Sediment Control
FOG	Fats, Oils, and Greases
HUC	Hydrologic Unit Code
IDDE	Illicit Discharge Detection and Elimination
LDA	Land Disturbing Activity
MCM	Minimum Control Measure
MEP	Maximum Extent Practicable
MS4	Municipal Separate Storm Sewer System
NMP	Nutrient Management Plan
NPDES	National Pollutant Discharge Elimination System
SIP	Stormwater Improvement Project
S&S	Standards and Specifications
SOP	Standard Operating Procedure
SWM	Stormwater Management
SWPPP	Stormwater Pollution Prevention Plan
TMDL	Total Maximum Daily Load
VDACS	Virginia Department of Agriculture and Consumer Services
VPDES	Virginia Pollution Discharge Elimination System
VSMP	Virginia Stormwater Management Program
WLA	Waste Load Allocation

1.0 INTRODUCTION

1.1 BACKGROUND INFORMATION

The Virginia Pollution Discharge Elimination System (VPDES) General Permit for Discharges of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4s) requires Christopher Newport University (CNU) to develop and implement a comprehensive Stormwater Management (SWM) Program consistent with the Virginia MS4 General Permit VAR040090. The General Permit term is from November 1st, 2023 to October 31st, 2028. However, this Annual Report covers information for the reporting year of July 1st, 2023 through June 30th, 2024 which is the first year of the permit cycle. The Annual Report for the 2023-2024 reporting year will cover information for Year 1 under the new MS4 Permit which was effective on November 1st, 2023.

CNU's SWM Program is based on six minimum control measures (MCM) as required by the Virginia General Permit. These goals and objectives were developed to reduce the discharge of pollutants from the University's MS4 to the maximum extent practicable (MEP), protect water quality, ensure compliance with water quality standards, and to satisfy the appropriate water quality requirements of the Clean Water Act and its attendant regulations.

This MS4 Annual Report will serve to convey the required information and detail the status of compliance with all permit conditions as well as the appropriateness of best management practices (BMPs) identified in the MS4 Program Plan towards achieving measurable goals for each MCM.

1.2 SIGNED CERTIFICATION

As required by the CNU MS4 Permit (VAR040090), the following certification is provided in accordance with Section 9VAC25-875 of the Virginia Stormwater Management Program (VSMP) Regulations, and as a required part of the submittal of CNU's MS4 Annual Report for 2023-2024.

Certification Statement and Requirements

As required by 9VAC25-890-40 IV. K, all reports required by state permits, including annual reports, and other information requested by the department shall be signed by a person described below:

1. *For a corporation: by a responsible corporate officer. For the purpose of this chapter, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for state permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;*
2. *For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or*
3. *For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this chapter, a principal executive officer of a public agency includes:*
   (a) The chief executive officer of the agency, or
   (b) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

Duly Authorized Representatives

A person is a duly authorized representative only if:

1. *The authorization is made in writing by a person described above;*

2. *The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the operator. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and*

3. *The signed and dated written authorization is submitted to the department.*

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

9/22/2024
Date

VAR040090
Permit Number

Christopher Newport University
MS4 Name

2.0 MINIMUM CONTROL MEASURE NO. 1 – PUBLIC EDUCATION AND OUTREACH ON STORMWATER IMPACTS

MCM No. 1 provides for a public education and outreach program to develop and conduct outreach activities about the impacts of stormwater discharges on water bodies and steps the public can take to reduce pollutants in stormwater runoff. This measure includes the posting of educational materials around the campus, hosting informational workshops, and other activities.

The "public" in the case of CNU is defined as the faculty, students, employees, contractors, and visitors to the campus. Therefore, most of these outreach efforts are part of an on-campus effort to increase the CNU community's knowledge about the steps they can take to reduce stormwater pollution. CNU continues to explore opportunities to partner with the adjacent MS4s on education and outreach efforts to engage the broader community through an off-campus effort where possible.

CNU identified three high-priority water quality issues that contribute to the discharge of stormwater. The three issues are listed below along with associated public education and outreach information:

1) Litter & Street Debris – Faculty, Staff, Students, and Visitors

Litter and street debris is a water quality issue that is constantly observed and managed by the Grounds Department. In educating the public on this topic it will minimize the impact of trash on downstream waters. Contributors towards this water quality issue include all the CNU public that work, attend, or visit the University. Therefore, the audience for this issue includes faculty, staff, students, and visitors. In this permit year, Grounds Department staff distributed drink coasters and stickers with anti-litter information on them for staff, students, and guests at the CNU Garden Symposium and CNU Earth Day Fair.

CNU is continuing to investigate alternative ways to distribute educational materials to the CNU MS4 public including use of social media. Within this permit cycle, the CNU Sustainability Facebook account (@sustainCNU) posted information on stormwater issues under the hashtag #stormwaterMonday. This form of outreach is used to distribute educational information on a variety of stormwater topics, including the identified high-priority issue of litter and street debris.

2) Waste Management – Faculty, Staff, and Students

Waste management is a newly identified high priority issue for CNU, replacing construction site runoff. It was determined that construction site runoff should be replaced as a high priority issue because less construction is anticipated to be taking place on campus in the coming years. Due to campus growth in pervious years, the university produces a significant amount of waste that has the potential to be reduced and managed more efficiently. In reducing and managing university waste more efficiently refuse storage areas, that have been identified as a high priority stormwater area, can be maintained more easily. This will assist in improving water quality of downstream waters. The audience identified for this high priority stormwater issue includes faculty, staff, and students, as they are the ones contributing most directly to the amount of waste on campus. In this permit year, Grounds Department staff distributed brochures with waste

management information on them for staff, students, and guests at the CNU Garden Symposium and CNU Earth Day Fair.

CNU is continuing to investigate alternative ways to distribute educational materials to the CNU MS4 public including use of social media. Within this permit cycle, the CNU Sustainability Facebook account (@sustainCNU) posted information on stormwater issues under the hashtag #stormwaterMonday. This form of outreach is used to distribute educational information on a variety of stormwater topics, including the identified high-priority issue of waste management.

3) Nutrient Management – Faculty, Staff, and Students

The CNU Grounds Department identified nutrient management as a third high-priority water quality issue. The University takes pride in a clean and green campus but also works to not over-apply nutrients, and diligently follows the approved Nutrient Management Plans (NMPs) for the campus, as excess nutrients can lead to water quality issues in receiving waterways. The audience for this water quality issue includes students, faculty, and staff that can all be educated on nutrient management topics for their personal use, as well as the Grounds Department staff as they are the only ones involved in nutrient application and management directly to campus and athletic grounds. The CNU Grounds Department currently has four Certified Fertilizer Applicators (CFAs), and two Certified Nutrient Management Planners through the Virginia Department of Agriculture and Consumer Services (VDACS). In this permit year, Grounds Department staff distributed factsheets with nutrient management information on them for staff, students, and guests at the CNU Garden Symposium, CNU Earth Day Fair, and CNU STEM Day.

CNU is continuing to investigate alternative ways to distribute educational materials to the CNU MS4 public including use of social media. Within this permit cycle, the CNU Sustainability Facebook account (@sustainCNU) posted information on stormwater issues under the hashtag #stormwaterMonday. This form of outreach is used to distribute educational information on a variety of stormwater topics, including the identified high-priority issue of nutrient management.

No outreach activities conducted focused on climate change during this permit year.

CNU implements this MCM through the BMPs provided below. Information concerning each BMP is provided in Table 1-1. Additional public education and outreach information is provided in Appendix A.

- MS4 Program Update
- Alternative Materials
- Media Materials
- Traditional Written Materials

Minimum Control Measure No. 1 – Public Education and Outreach on Stormwater Impacts

Table 1-1. MCM No. 1 – Public Education and Outreach on Stormwater Impacts

BMP	Description	Measurable Goal	BMP Status	Future Activities
1.1 – MS4 Program Update	Conduct a self-assessment and update of the MS4 Program to identify and proactively address issues and deficiencies, as well as identify opportunities to improve program effectiveness.	Annual report.	Completed 2008-2009; MS4 Program Plan Update in 2019- 2020; MS4 Program Plan Update in 2023-2024. This permit cycle adjustments were made to the program plan based on the new issuance of the MS4 General Permit. In addition to regulatory adjustments, MCM1 was adjusted to capitalize on campus activity. For MCM1, it was determined that construction site runoff should no longer be considered a high priority stormwater issues due to the lack of construction on campus. Instead, this high priority issue was replaced with waste management, as CNU tries to improve their efforts to reduce waste on campus.	CNU will continue to evaluate the effectiveness of their MS4 Program and adjust as necessary throughout the permit term.
1.2 – Alternative Materials	Alternative materials, such as coasters, stickers, business cards, and pet waste bag dispensers with stormwater messaging are distributed to CNU faculty, staff, students, and guests at outreach events.	Numbers of items given away at events.	An information booth was set up at the CNU Garden Symposium on April 8th, 2024, where approximately 300 'No Dumping' coasters, 'Only rain down the drain' stickers, and 'HR Green' business cards were distributed. Another information booth was set up at the CNU Earth Day Fair on April 18th, 2024, where approximately 200 'No Dumping' coasters and 'Only rain down the drain' stickers were distributed. Pet waste bag dispensers were distributed at the Earth Day Fair as well. See Appendix A for copies of the alternative materials utilized.	Provide items to students, faculty, and staff at planned outreach events.
1.3 – Media Materials	CNU utilizes a sustainability social media account (@sustainCNU) which shares stormwater educational messages and provides event updates to students, faculty, and staff.	Number of messages, and responsiveness to information from the audience.	A post made on February 5th, 2024, related litter and street debris. It reached 112 accounts, with 9 accounts engaging with the post, 1 share occurring, and receiving 9 likes. A post made on November 20th, 2023, related to nutrient management. It reached 215 accounts, with 14 accounts engaging with the post, 1 share occurring and receiving 14 likes. Posts made on September 26th, 2023, October 26th, 2023, and November 13th, 2023, related to waste management. On average these posts reached 454 accounts, with 54 accounts engaging with the post, 5 shares occurring, and receiving 51 likes. Additional posts made on November 6th, 2023, and April 22nd, 2024, related to general stormwater awareness. One average these posts reached 282 accounts, with 48 accounts engaging with the post, 3 shares occurring, and receiving 47 likes. See Appendix A for a copy of these posts.	Continue to share stormwater information on the account to continue raising awareness on stormwater related issues. Continue to develop and share new ideas, strategies, and events that promote stormwater awareness.

CHRISTOPHER NEWPORT UNIVERSITY – MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) ANNUAL REPORT – REPORTING YEAR JULY 1st, 2023 – JUNE 30th, 2024

Minimum Control Measure No. 1 – Public Education and Outreach on Stormwater Impacts

BMP	Description	Measurable Goal	BMP Status	Future Activities
1.4 – Traditional Written Materials	Traditional written materials, such as flyers, brochures, factsheets, and newsletters with stormwater messaging are distributed to CNU faculty, staff, students, and guests at outreach events.	Numbers of items given away at events.	An information booth was set up at the CNU Garden Symposium on April 8th, 2024, where approximately 300 'HR Green' brochures were distributed. Another information booth was set up at the CNU Earth Day Fair on April 18th, 2024, where approximately 200 'HR Green' brochures were distributed. Another information booth was set up at STEM Day on June 1st, 2024, where additional 'HR Green' brochures were distributed. See Appendix A for a copy of the brochures utilized.	Provide written materials to students, faculty, and staff at planned outreach events.

3.0 MINIMUM CONTROL MEASURE NO. 2 – PUBLIC INVOLVEMENT/PARTICIPATION

MCM No. 2 provides for public involvement and participation by making the MS4 Program Plan available for public review and input. The Program Plan, and a link to report stormwater related comments or concerns can be found on the CNU website (http://cnu.edu/public/stormwater/). No public comments on the MS4 program or stormwater pollution complaints were received during this permit year.

The CNU Stormwater website (http://cnu.edu/public/stormwater/) contains MS4 information. It has been updated to include additional information related to stormwater and pollution prevention including copies of the General Permit, Illicit Discharge Detection and Elimination (IDDE) information, Annual Reports, the Program Plan, educational information about stormwater, links to other stormwater-related websites, and stormwater incident reporting information.

Through this MCM, CNU has developed a series of activities which actively involve the students, faculty, staff, and visitors. These activities aim to focus on pollution prevention, public education, and restoration and are listed below along with associated public involvement and participation information:

1) On-Campus Signage - Pollution Prevention
   CNU installed pet waste stations on campus to encourage faculty, staff, students, and visitors to collect and properly dispose of pet waste. They have also installed storm drain medallions on all campus storm drain inlets to help remind the community about stormwater pollution. During the 2023-2024 reporting year CNU did not install any additional Pet Waste Stations as the campus coverage was deemed sufficient. All currently installed Pet Waste Stations were maintained and refilled with bags as necessary. The Pet Waste Stations will continue to remain on-campus to allow faculty, staff, students, and visitors to assist in the areas water quality. Initial installation or storm drain medallions was completed in 2009-2010 and the program is still ongoing with the annual replacement of missing or damaged medallions. None were replaced this reporting year. The storm drain medallions which read, "No Dumping, Drains to Waterway," are visible on nearly every storm drain inlet throughout the CNU campus and serve as a visual reminder to not pollute. During this permit year, CNU also provided educational signage at the remaining construction sites to educate the public on runoff.

2) Student Engagement Events – Public Education
   CNU works to educate and engage student organizations in stormwater related events. In this permit year, 2023-2024, the Xi Theta Colony of Kappa Alpha Psi Fraternity at CNU host eco-friendly car washes on September 3rd, 2023, and April 25th, 2024. Approximately 75 cars were washed at each event and educational literature was distributed to all that participated. In addition to the car washes, approximately 10 student organizations participated in construction fence painting. The messaging on the fences was 'Save the Bay' related. After students assisted in the painting a social media post was also created.

3) Community Education Events – Public Education
   CNU hosts booths at events throughout the year that work to reach out and educate the community at large. During the 2023-2024 permit year CNU hosted educational booths at the CNU Garden Symposium (April 8th, 2024), CNU Earth Day Fair (April 18th, 2024), and STEM Day (June 1st, 2024). At all these events educational material was distributed. During STEM Day CNU partnered with

Newport News Public Schools and other neighboring business to create a more interactive educational experience. The CNU Grounds Department used a watershed model to demonstrate runoff and the effects it has on waterways. Three household items were used to demonstrate the effects of runoff – Cocoa, representing dirt turning into mud, red sprinkles, representing soap from washing cars, and green sprinkles, representing fertilizers applied to lawns.

4) Student Clean-up Events – Restoration
CNU students participate in annual trash cleanup events and other various events around campus and the surrounding are to pick up litter. During the 2023-2024 permit year, two student organizations held clean up events. On April 12th, 2024, approximately 20 student athletes collected debris on campus and in the immediate surrounding area. On April 20th, 2024, approximately 80 football players and coaches collected debris at the historic Pinketts Beach in Downtown Newport News. They collected approximately 120 bags of trash.

No public involvement activities conducted focused on climate change during this permit year.

CNU implements this MCM through the BMPs provided below. Information concerning each BMP, including detailed descriptions, measurable goals, and implementation dates is provided in Table 2-1. Additional information on MCM No. 2 can be found in Appendix B.

- MS4 Program Update
- CNU MS4 Website
- Pollution Prevention
- Public Education
- Restoration

Minimum Control Measure No. 2 – Public Involvement/Participation

Table 2-1. MCM No. 2 – Public Involvement/Participation

BMP	Description	Measurable Goal	BMP Status	Future Activities
2.1 – MS4 Program Update	Conduct a self-assessment and update of the MS4 Program to identify and proactively address issues and deficiencies, as well as identify opportunities to improve program effectiveness.	Annual report.	Completed 2008-2009; MS4 Program Plan Update in 2019- 2020; MS4 Program Plan Update in 2023-2024. This permit cycle adjustments were made to the program plan based on the new issuance of the MS4 General Permit. In addition to regulatory adjustments, MCM2 was adjusted to capitalize on campus activity. For MCM2, it was determined that public outreach activities should be adjusted based on campus events and activity changes.	CNU will continue to evaluate the effectiveness of their MS4 Program and adjust as necessary throughout the permit term.
2.2 – CNU MS4 Website	Update the CNU website to include information on the MS4 Program, MS4 general permit, MS4 Program Plan and annual reports, educational information about stormwater, links to other stormwater-related websites and stormwater incident reporting information.	Updated CNU website to include information on the MS4 Program. Annual review and update based on changes to CNU policies and/or staffing.	Website initially updated to include MS4 information in 2009- 2010. Additional information was added to the website in subsequent years. Annual reviews and updates are performed as needed. See Appendix B.	Additional stormwater information will continue to be added to the website as the program plan is updated.
2.3 – Pollution Prevention	CNU installed pet waste stations on campus to encourage faculty, staff, students, and visitors to collect and properly dispose of pet waste. They have also installed storm drain medallions on all campus storm drain inlets to help remind the community about stormwater pollution.	On-going refilling of bags and removal of trash/debris from the pet waste station. Installing new stations as needed around campus. On-going identification and replacement of missing storm drain medallions and installation of new medallions as needed.	CNU has three Pet Waste Stations on campus that were maintained throughout the permit year. No additional Pet Waste Stations were added. No new storm drain medallions were identified as being needed during the permit term. Educational signage was posted outside of one construction site on campus to educate on construction stormwater runoff. See Appendix B.	The Pet Waste Stations and storm drain medallions will continue to remain on-campus and be maintained to educate faculty, staff, students, and visitors on the importance of water quality.

CHRISTOPHER NEWPORT UNIVERSITY – MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) ANNUAL REPORT – REPORTING YEAR JULY 1st, 2023 – JUNE 30th, 2024

Minimum Control Measure No. 2 – Public Involvement/Participation

BMP	Description	Measurable Goal	BMP Status	Future Activities
2.4 – Public Education	CNU works to educate and engage student organizations and the community at large in stormwater related issues.	Number of events student events held. Number of educational booths hosted.	On September 3rd, 2024, and April 25th, 2024, the Xi Theta Colony of Kappa Alpha Psi Fraternity at CNU hosted eco-friendly car washes. Approximately 75 cars were washed, and each participant was provided with educational materials. Approximately 10 student organizations participated in construction fence painting during the week of September 11th, 2023. The messaging on the fences was 'Save the Bay' related. After students assisted in the painting a social media post was also created. The post made on September 21st, 2023, reached 563 accounts, with 250 accounts engaging with the post, 3 shares occurring, and receiving 27 likes. CNU hosted an educational booth at the CNU Garden Symposium (April 8th, 2024), and distributed stormwater information to approximately 300 people. CNU hosted an educational booth at the CNU Earth Day Fair (April 18th, 2024), and distributed stormwater information to approximately 200 people. CNU hosted an education booth at STEM Day (June 1st, 2024). This event was put on in conjunction with Newport News Public Schools and other local businesses. During this event stormwater information was distributed and an interactive watershed display was utilized. See Appendix A and B for documentation of these events.	Additional opportunities for public education/outreach associated with high-priority water quality issues may also be identified in coming years. CNU will continue to look for opportunities to partner with other MS4s in the area for educational events.

Minimum Control Measure No. 2 – Public Involvement/Participation

2.5 – Restoration	CNU students participate in annual trash cleanup events and other various events around campus and the community to pick up litter and educate others about the problems of stormwater pollution.	Number of students/participants at each event and/or number of trash bags collected.	On April 12th, 2024, approximately 20 student athletes participated in a clean-up event to collect trash and debris on campus and in the immediate surrounding area. On April 20th, 2024, approximately 80 football players and coaches collected about 120 bags of trash and debris from the historic Pinketts Beach in Downtown Newport News. See Appendix B for documentation of these events.	Additional community service opportunities for public education/outreach associated with high-priority water quality issues may also be identified in coming years.

4.0 MINIMUM CONTROL MEASURE NO. 3 – ILLICIT DISCHARGE DETECTION AND ELIMINATION

MCM No. 3 requires a program to detect and eliminate illicit discharges into the regulated small MS4. This MCM includes the development and implementation of an IDDE Policy that effectively prohibits non-stormwater discharges into the MS4. Some BMPs include mapping of the MS4 and tabular development of stormwater outfalls that were updated and reported to DEQ in the BMP Warehouse and in the Outfall table in the Program Plan. An additional item created through this MCM is any necessary notification of neighboring or interconnected MS4s, as added to the Outfall table in the Program Plan. This measure also provides for the development of a process with which CNU will track the number and nature of any illicit discharges and the manner in which they are eliminated.

CNU developed and adopted an IDDE Policy on July 1st, 2010. The IDDE Policy and information about it was added to the University's website, a link to the policy is provided below. CNU developed a procedure and format for tracking training efforts, inspections, and other activities related to the IDDE Program. Illicit discharge detection tracking and reporting is an ongoing activity. CNU relies on the City of Newport News to respond to any spill emergencies on-campus. Relying on the updated training and capabilities of emergency responders is an integral component of the University's IDDE Plan. CNU will document any illicit discharges that are detected annually.

http://cnu.edu/public/stormwater/

The CNU MS4 contains one main stormwater outfall (Outfall 1), a second outfall (Outfall 2) which drains stormwater from the area of the Ferguson Center for the Arts, and a third outfall (Outfall 3) which drains the campus area adjacent to the Avenue of the Arts along with the adjacent neighborhood. These are all part of CNU and within the MS4 boundary. The CNU MS4 also contains 10 interconnected outfalls with the City of Newport News. No new outfalls or interconnections were identified during this permit term, therefore, the MS4 map and outfall information table are up to date. All outfalls and interconnected outfalls are inspected annually as part of the dry weather screening program and the inspection reports are included in each year's Annual Report. During this permit year no outfalls or interconnected outfalls were suspected of having illicit discharge as all potential issues were determined to be natural occurrences or to not require additional investigations. There were no illicit discharge reports or spills that occurred during this permit year.

CNU implements this MCM through the BMPs provided below. Information concerning each BMP including detailed descriptions, measurable goals, and implementation dates are provided in Table 3-1. Additional IDDE program information is provided in Appendix C.

- IDDE Policy
- CNU Stormwater Study
- Illicit Discharge Tracking and Reporting
- Outfall Inspections

Minimum Control Measure No. 3 – Illicit Discharge Detection and Elimination

Table 3-1. MCM No. 3 – Illicit Discharge Detection and Elimination

BMP	Description	Measurable Goal	BMP Status	Future Activities
3.1 – IDDE Policy	Develop and adopt an Illicit Discharge, Detection and Elimination (IDDE) Policy to prevent the discharge of contaminated stormwater runoff from CNU properties and operations into the MS4.	Timely and appropriate response of the CNU community to spills and illegal dumping of pollutants.	IDDE Policy was adopted by CNU on July 1st 2010. Continued implementation of University IDDE Policy. See Appendix C.	Information on the IDDE Policy is on the University's website. The IDDE Policy will be reviewed and updated as needed.
3.2 – CNU Stormwater Study	Develop and maintain an updated storm sewer system map. CNU developed a Stormwater Quality and Quantity Study in 2002 which was revised in 2008 and 2011. This study contains detailed information on the existing stormwater conveyance system at CNU. The study also provides detailed storm sewer mapping including drainage areas.	Storm sewer system map. Review CNU Stormwater Plan and update any necessary information based on changes to the campus and/or stormwater conveyance system.	Review and update as needed.	The Stormwater Study will continue to be reviewed and updated as needed based on changes to the University's stormwater conveyance system and permit requirements.
3.3 – Illicit Discharge Detection Tracking and Reporting	Develop a procedure and format for tracking training efforts, inspections, and other activities related to the IDDE program. As part of the IDDE program, CNU will document any illicit discharges that are detected.	Number of IDDE events reported and tracked.	There were no illicit discharge complaints reported for this permit year.	Illicit discharge detection, tracking, and reporting will be an ongoing activity.
3.4 – Outfall Inspections	Inspect each MS4 outfall on an annual basis. Outfall inspections will be documented and kept as part of the MS4 documentation.	Inspect each MS4 outfall on an annual basis. Maintain records of outfalls that were inspected.	Outfalls 1-3 and interconnected outfalls C1-C10 were inspected on June 3rd, 2024. No illicit discharges were suspected. See Appendix C.	MS4 outfalls will continue to be inspected on an annual basis.

5.0 MINIMUM CONTROL MEASURE NO. 4 – CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Any construction activities that took place on the CNU campus and met required thresholds for land disturbance during the permit year were regulated by the Virginia Stormwater Management Act and VSMP Regulation (9VAC25-870) until June 30, 2023. In addition, all projects were required to obtain a Construction General Permit (CGP) if the area of disturbance was greater than or equal to one acre. A project must also obtain a CGP if it was less than one acre and part of a larger common plan of development or sale. Therefore, MCM No. 4 includes provisions to verify all construction activities were in compliance with the referenced regulations and permits.

CNU developed and submitted Standards and Specifications (S&S) to DEQ. The University Architect's office maintains copies of permit authorization letters for all construction projects, reviews each project's Stormwater Pollution Prevention Plan (SWPPP), and reviews copies of all contractors' inspection reports on a quarterly basis to track compliance with the SWPPP.

Since the University has approved S&S, they are the VSMP Authority for development on campus that occurs on State-owned property. For development on City of Newport News property, the City is the VSMP Authority. CNU contracts a DEQ-Certified inspector for the purposes of providing enhanced training and oversight for the University's qualified personnel performing routine operator SWPPP inspections. The ESC/SWM inspector performs regular inspections of on-campus active construction projects with CGP coverage and documents inspection findings in regular inspection reports. CNU audits the compliance of the contractors on-campus by reviewing the inspection documentation, revisions to the SWPPP, and overall site compliance on a quarterly basis. All land disturbing activities (LDAs) that occur during the reporting period are conducted in accordance with the current department approved standards and specifications for ESC.

The contractor for each construction project is required to inspect the project in accordance with the inspection frequency specified in the CGP and per the stormwater and erosion and sediment control standards. CNU audits the compliance of the contractor by reviewing the inspection documentation, revisions to the SWPPP, and overall site compliance quarterly.

One land disturbing construction project occurred during this reporting period. There were 4 Erosion and Sediment Control inspections over the course of the permit year for this site. No corrective action steps were taken.

CNU implements this MCM through the BMPs provided below. Information concerning each BMP, including a detailed description, measurable goals, and implementation dates is provided in Table 4-1. Additional construction site stormwater runoff control information is provided in Appendix D.

- S&S
- Project Inspections
- ESC Contract Provisions

Minimum Control Measure No. 4 – Construction Site Stormwater Runoff Control

Table 4 MCM No. 4-1. – Construction Site Stormwater Runoff Control

BMP	Description	Measurable Goal	BMP Status	Future Activities
4.1 – AS&S	CNU developed and submitted annual standards and specifications (AS&S) to DEQ in December 2019; the AS&S were then approved by the DEQ in a letter dated 3/12/2020.	Annual standards and specifications.	S&S were revised and resubmitted to DEQ. See Appendix D.	Continue current program, comply with approved standards and specifications (S&S).
4.2 – Project Inspections	The contractor for each construction project is required to inspect the project in accordance with the inspection frequency specified in the CGP. CNU audits the compliance of the contractor by reviewing the inspection documentation, revisions to the SWPPP, and overall site compliance quarterly.	Review copies of inspection reports; Review of each project's SWPPP on a quarterly basis.	There was one active construction projects in the MS4 during this permit cycle and 4 inspections were performed. See Appendix D.	Continue current program, evaluate annually. Records maintained by the University Architect's office.
4.3 – ESC Contract Provisions	Require that for all contracts for construction projects with land-disturbing activities meeting the requirements in the MS4 permit and CGP, the primary contractor must obtain a CGP, and must also carry out all the provisions required of the Construction Site Operator	Copies of permit notice of coverage letters for all construction projects and review each project's Stormwater Pollution Prevention Plan (SWPPP).	Maintaining copies of permit notice of coverage letters is an ongoing activity; review of each project's SWPPP on a quarterly basis.	Continue current program, evaluate annually. Records maintained by the University Architect's office.

6.0 MINIMUM CONTROL MEASURE NO. 5 – POST-CONSTRUCTION SWM

All known permanent SWM facilities that are operator owned and within the MS4 boundary are inspected by DEQ-Certified CNU or contract personnel on an annual basis. Inspections are performed based on the *Written Procedures for the Inspection of Operator Owned Stormwater Management Facilities* prepared by CNU. Copies of the inspection reports are kept on file as part of the MS4 documentation. Records of past BMP inspections are maintained as part of the MS4 program and the inspection program will be continued and evaluated annually. CNU will perform maintenance of permanent SWM facilities, if needed, based on the results of the BMP inspections and document and include as part of the Annual Report. CNU tracks and maintains records of these potential issues.

Inspection reports to be used for inspections of BMPs are the DEQ Example BMP Inspection and Maintenance checklists from the DEQ 2013 Virginia Stormwater Management Handbook, Chapter 9 – BMP Inspection and Maintenance, provided on the DEQ website at the link below.

https://swbmp.vwrrc.vt.edu/references-tools/2013-draft-handbook/

CNU will continue to update the electronic spreadsheet with any new or newly discovered BMP, or any BMP that meets a local or Chesapeake Bay TMDL requirement. Also, CNU will add new BMPs to the VA CGP database to report each facility installed for which a VPDES permit is obtained and will also add new BMPs to the DEQ BMP Warehouse as needed.

There were no new BMPs to report in the 2023-2024 permit year. All BMPs within the CNU MS4 are owned and operated by the MS4 entity. During this permit year inspections were performed, and routine maintenance was done on all 4 BMPs, but none required significant repair. Inspection dates for the BMPs have been updated on the DEQ BMP Warehouse.

CNU implements MCM No. 5 through the BMPs provided below. Information concerning each BMP, including a detailed description, measurable goals, and implementation dates is provided in Table 5-1. Additional post-construction SWM information is provided in Appendix E.

- ESC Contract Provisions
- BMP Inspections
- BMP Tracking
- BMP Maintenance

Table 5-1. MCM No. 5 – Post-Construction SWM

BMP	Description	Measurable Goal	BMP Status	Future Activities
5.1 – ESC Contract Provisions	Require that for all contracts for construction projects with land-disturbing activities meeting the requirements in the MS4 permit and CGP, the primary contractor must obtain a CGP, and must also carry out all the provisions required of the Construction Site Operator.	Copies of permit notice of coverage letters for all construction projects and review each project's Stormwater Pollution Prevention Plan (SWPPP).	Maintaining copies of permit notice of coverage letters is an ongoing activity; review of each project's SWPPP on a quarterly basis. One land disturbing activity occurred during this permit cycle and all documentation is maintained in the University Architect's office, per MCM4.	Continue current program, evaluate annually. Records maintained by the University Architect's office.
5.2 – BMP Inspections	Inspect all known permanent stormwater management facilities on an annual basis. Keep copies of inspection reports on file as part of the MS4 documentation.	Records of BMPs that were inspected.	4 BMPs were inspected on June 3rd, 2024. See Appendix E.	Continue current program, evaluate annually.
5.3 – BMP Tracking	Track all known permanent stormwater management facilities on an annual basis and submit information including the type of facility, geographic location (HUC), impaired surface water that the facility is discharging into (if applicable), and the number of acres treated by the facility.	Update BMP database as needed.	Continue current program, evaluate annually. No new BMPs were added during this permit cycle.	Continue current program, evaluate annually.
5.4 – BMP Maintenance	Properly maintain all structural BMPs on the CNU campus and/or under the operational control of CNU in effective operating condition in accordance with good engineering practices and, where applicable, manufacturer specifications.	Continue CNU BMP maintenance program as needed based on results of annual BMP inspections. Maintain records of BMP maintenance activities.	Ongoing BMP maintenance as needed based on annual BMP inspections. No significant maintenance activities were done during this permit year.	Continue current program, evaluate annually.

7.0 MINIMUM CONTROL MEASURE NO. 6 – POLLUTION PREVENTION/GOOD HOUSEKEEPING

MCM No. 6 provides for a comprehensive pollution prevention and good housekeeping program. The ultimate goal of pollution prevention/good housekeeping is to prevent or reduce pollutant runoff from campus operations. This measure includes both training and awareness of stormwater impacts to receiving water quality as well as on-campus activities which both prevent and reduce pollutant runoff to the MS4.

This MCM includes a requirement for the development, maintenance, and implementation of written procedures designed to minimize or prevent pollutant discharge from: (i) daily operations such as road, street, and parking lot maintenance; (ii) equipment maintenance; and (iii) the application, storage, transport, and disposal of pesticides, herbicides, and fertilizers. CNU has developed SOPs for various activities with the potential to impact water quality. During the 2023-2024 permit year an anti-icing and deicing SOP was developed in accordance with updated to the General Permit. The SOPs include the following:

- Equipment maintenance and washing
- Outdoor events
- Kitchen waste: fats, oils, and greases (FOG) transfer, storage, and disposal
- Equipment fueling activities
- Grounds maintenance
- Liquid materials loading, unloading, and storage
- Trash & recycling handling, storage, transfer, and disposal
- Parking lot, street, and road maintenance
- Pressure washing and exterior surface cleaning
- Dewatering utility construction and maintenance activities
- Spill prevention, control, clean up and reporting
- Anti-icing and deicing agent application, transport and storage

The following webpage contains a link to CNU's SOPs. The site-specific SOPs are also included in departmental training where applicable.

http://cnu.edu/public/stormwater/

CNU identified the Grounds (includes Athletics Department staff) and Plant Operations Departments as well as the dumpster refuse area as being high-priority facilities. These high-priority facilities were reviewed, and it was determined that the Commonwealth Hall facility should be retired due to changes in the use of the site. General modifications were made to ensure the SWPPP was still up to standard with the updated General Permit but no significant modifications were made. All high-priory facilities were inspected during this permit year, see Appendix F. CNU published and posted on the website the SWPPP for high-priority facilities. A link to the SWPPP is provided at the website below.

http://cnu.edu/public/stormwater/

This MCM includes a requirement to implement turf and landscape NMP developed by a certified turf and landscape nutrient management planner on all lands owned or operated by the MS4 operator where nutrients are applied to a contiguous area greater than one acre. The University takes pride in a clean and green campus but also works to not over-apply nutrients and diligently follows the approved NMPs for the campus.

There are two separate NMPs that cover the CNU campus, one for the main campus grounds/turf and a separate one for the athletics fields/turf.

- The current NMP for the main campus covers approximately 48 acres and was approved July 23rd, 2024.
- The athletics NMP covers an area of 13.73 acres and was approved May 6th, 2024.

The CNU Grounds Department will continue to operate using the approved NMPs and will continue to evaluate/update the NMPs once every three years, as needed. The NMPs will be reviewed/updated again in 2027 and re-submitted to the Department of Conservation and Recreation (DCR) for review and approval.

The CNU Grounds Department currently has four CFAs and two Certified Nutrient Management Planners through the VDACS.

Per CNU's training schedule no training was conducted during this permit year but will be conducted in the next permit year.

CNU implements this MCM through the BMPs provided below. Information concerning each BMP, including a detailed description, measurable goals, and implementation is provided in Table 6-1. Additional pollution prevention and good housekeeping information is provided in Appendix F.

- Pollution Prevention Training
- SWPPP Implementation
- Nutrient Management Training

Minimum Control Measure No. 6 – Pollution Prevention/Good Housekeeping

Table 6-1. MCM No. 6 – Pollution Prevention/Good Housekeeping

BMP	Description	Measurable Goal	BMP Status	Future Activities
6.1 – Pollution Prevention Training	CNU will conduct biennial training to applicable staff on pollution prevention.	Conduct biennial training to applicable staff on pollution prevention. Document each training event including the training date, number of employees attending the training, and the objective of each training event.	No training was conducted this year per the training plan. Training will be conducted in the coming permit year.	Pollution prevention training will be a biennial and ongoing activity. Training will be conducted again during the 2024-2025 reporting year.
6.2 – SWPPP Implementation	A Stormwater Pollution Prevention Plan will be developed, maintained and reviewed to assist in reducing stormwater pollution at high priority facilities.	Ensure SWPPPs are being implemented, reviewed and adjusted as needed.	One facility was retired during this permit term due to a change in it's use on campus, no longer deeming it a high priority facility. Minor modifications were made to the SWPPP to ensure compliance with the updated General Permit. See Appendix F.	Continue to review and revise the SWPPP as necessary.
6.3 – Nutrient Management Training	Implement a Nutrient Management Plan (NMP) for the athletic facilities and the balance of the campus. There are two separate approved NMPs that cover the CNU campus.	Training of CNU Grounds Department staff as certified fertilizer applicators to ensure that nutrients are only applied in accordance with CNU's approved Nutrient Management Plans.	The CNU Grounds Department currently has four CFAs and two Certified Nutrient Management Planners through the VDACS.	This is an ongoing program with biennial training.

8.0 CHESAPEAKE BAY TMDL ACTION PLAN IMPLEMENTATION

CNU has made an agreement with the HRSD SWIFT initiative that will help meet the 2023 goals and beyond. CNU has purchased the remaining credits needed in order to meet their necessary TMDL Reduction Requirements, this agreement can be found in the Chesapeake Bay TMDL Action Plan Annual Report, submitted seperately.

CNU MS4 ANNUAL REPORT APPENDICES

Reporting Year July 1st, 2023 – June 30th, 2024

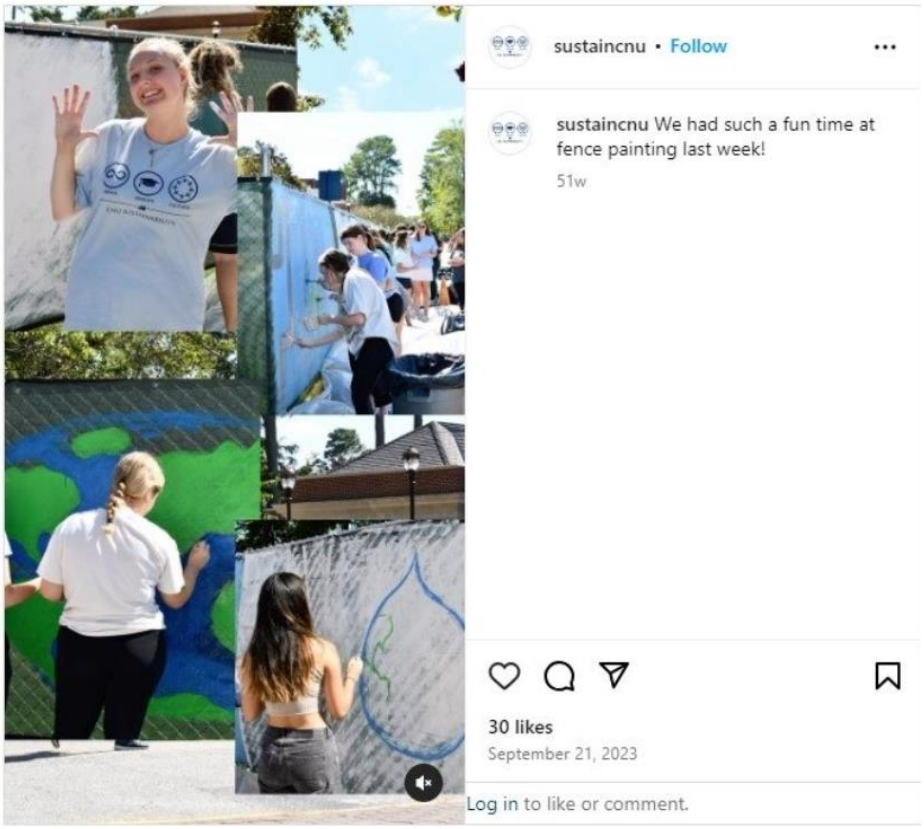
Appendix A MINIMUM CONTROL MEASURE 1 (MCM1) SUPPLEMENTAL INFORMATION

Hand-out Materials

‘No Dumping’ Coasters	 Side 1  Side 2
‘Only rain down the drain’ Stickers	
‘HR Green’ Business Cards	
Pet Waste Bag Dispensers	

‘HR Green’ Brochures	
Car Wash Educational Material	

Social Media Posts



sustaincnu • Follow
Original audio

sustaincnu Did you know there are so many places to recycle? Ella McQuillan '24 is showing us just a few
46w

mckenzie.hurley Yay CNU Sustainability!!!
46w 1 like Reply

27 likes
October 26, 2023

Log in to like or comment.

sustaincnu • Follow

sustaincnu Happy Stormwater Monday! Rain barrels have tons of uses! Come to the annual Garden Symposium to learn how to make one.
Edited · 44w

17 likes
November 6, 2023

Log in to like or comment.

sustaincnu • Follow

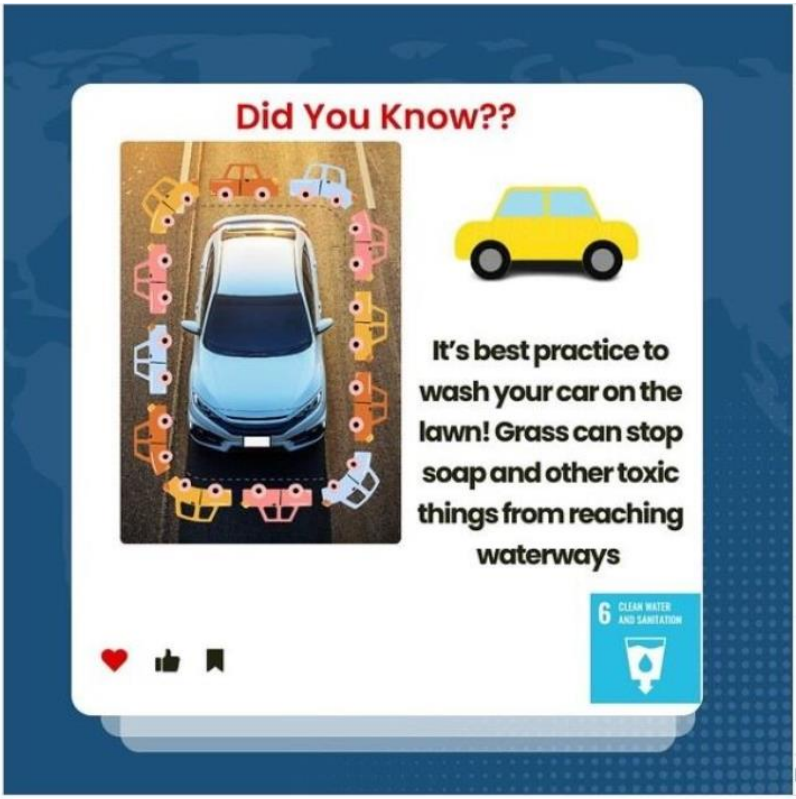
sustaincnu Happy Stormwater Monday! Dumping toxic chemicals can be extremely dangerous and it is important to use caution.

44w

12 likes

November 13, 2023

Log in to like or comment.



sustaincnu • Follow

sustaincnu Happy Stormwater Monday! If you are planning to wash your car over break, be sure to wash it in the grass so chemicals don't enter waterways

43w

14 likes

November 20, 2023

Log in to like or comment.

sustaincnu • Follow
Christopher Newport University

sustaincnu Happy Stormwater Monday! With over 6,000 pieces of litter per mile on the highway make sure you aren't adding to it! Responsibly throw away and recycle your trash

32w

10 likes
February 5

Log in to like or comment.

sustaincnu • Follow

sustaincnu Happy Earth Day!! 🌎 🫶 🫧 🌲 🦒

We celebrated Earth Day a bit earlier this year, with our first ever Earth Day Fair! We had other student orgs and community partners present to bring this event to life! Thank you to everyone who participated and came out!!

21w

78 likes
April 22

Log in to like or comment.

Information Booths

CNU Garden Symposium	
CNU Earth Day Fair	 
STEM Day	 

STEM Day (cont.)	 

Appendix B MINIMUM CONTROL MEASURE 2 (MCM2) SUPPLEMENTAL INFORMATION

Public Information
University Policies
Privacy Statement
Accessibility Statement
Campus Safety
Student Achievement
Freedom of Information Act
Free Speech and Expression
Stormwater Management
Institutional Research

Stormwater Management

In managing the Christopher Newport campus grounds, we strive to be good environmental stewards. We work closely with the Virginia Department of Environmental Quality (DEQ) to ensure our efforts are up to current standards and practices.

If you have any questions, please contact us at (757) 594-8700 or grounds@cnu.edu.

Program Plan

The stormwater management program plan is based on six minimum control measures as required by the Virginia General Permit. These goals and objectives were developed to reduce the discharge of pollutants from the university's Municipal Separate Storm Sewer System (MS4) to the maximum extent practicable, protect water quality, ensure compliance with water quality standards, and to satisfy the appropriate water quality requirements of the State Water Control Law and its attendant regulations. You are welcome to review and make comments on our program by filling out this form.

MS4 General Permit

The General Virginia Pollutant Discharge Elimination System Permit for Discharges of Stormwater From Small MS4s requires Christopher Newport to develop and implement a comprehensive stormwater management program consistent with the Virginia General Permit.

The university re-registered for continuation of coverage on November 1, 2023 (permit number VAR040090). The new general permit is valid until October 31, 2028.

Annual Report

The MS4 Annual Report conveys the required information and details the status of compliance with all permit conditions, as well as the appropriateness of best management practices identified in the MS4 Program Plan toward achieving measurable goals for each minimum control measure.

Year	PDF
2022-2023	

Related Documents

MS4 Program Plan
MS4 Permit 2018-2023
IDDE Plan and Policy
Stormwater Management Master Plan
CNU Stormwater Pollution Prevention Plan (SWPPP)
Stormwater discharges at the campus

Standard Operating Procedures (SOPs)

CNU Stormwater Pollution Prevention Training

Construction Site Signage

Stormwater Management Master Plan

In 2019, Christopher Newport worked with a consultant to create a Stormwater Management Master Plan. This plan provides guidance in the form of stormwater management concepts to help meet our TMDL Reduction Requirements as set forth by the Virginia Department of Environmental Quality. This plan addresses those requirements through 2028.

Pollution Prevention and Control

Pollution prevention is any practice that reduces, eliminates or prevents pollution at its source. Reducing the amount of pollution produced means less waste to control, treat or dispose. Less pollution also means fewer hazards are posed to public health and the environment.

Under our permit, we must develop, implement and enforce a program that includes the following six minimum control measures:

1. Public education and outreach
2. Public involvement and participation
3. Illicit discharge detection and elimination
4. Construction site stormwater runoff control
5. Post-construction stormwater management
6. Pollution prevention/good housekeeping

These control measures are designed and implemented to control the discharge of pollutants from our storm sewer system to the maximum extent practicable in a manner that protects the water quality in nearby streams, rivers, wetlands and bays.

Illicit Discharge Detection and Elimination (IDDE)

The IDDE policy and program provide for the protection of the environment at CNU and the surrounding areas.

An illicit discharge is the discharge of any substance into a storm sewer system* that is not stormwater. Some examples of these substances include:

- Wastewater
- Concrete washout
- Cleaning supplies
- Construction waste (e.g., debris, sludge)
- Vehicle washing
- Paint
- Fuels and oils
- Pet waste

The following do not constitute an illicit discharge:

- Discharges or flows from firefighting activities

- Landscape irrigation and lawn watering
- Foundation/footing drains
- Water line flushing
- Discharges from potable (drinkable) water sources
- Street wash water
- Air conditioning condensation

*Storm sewers are designed to carry stormwater and runoff. Storm sewers are not treated and lead directly into our natural environment. Substances that are not stormwater should never be released into the storm sewer system. The university's storm sewer inlets are marked with a “No Dumping – Drains to Bay” medallion.

If you witness an illicit discharge, you can report it to the Grounds Department by calling (757) 594-8700 or University Police at (757) 594-7777.

Stormwater Pollution Prevention Plan (SWPPP)

As part of our MS4 program the university maintains a Stormwater Pollution Prevention Plan (SWPPP)

An SWPPP is designed to reduce the impact of stormwater runoff on receiving water bodies to the maximum extent practicable and to meet water quality standards, and identifies the following:

- Stormwater pollution prevention team
- Stormwater discharges at the campus
- Actual and potential sources of stormwater contamination
- Structural and non-structural best management practices
- Good housekeeping practices
- Standard operating procedures for activities with the potential to impact water quality

Stormwater Pollution Prevention Training SWPPP training is available to all members of the campus community. We provide training to all employees whose job duties may include activities with the potential to contribute to stormwater pollution.

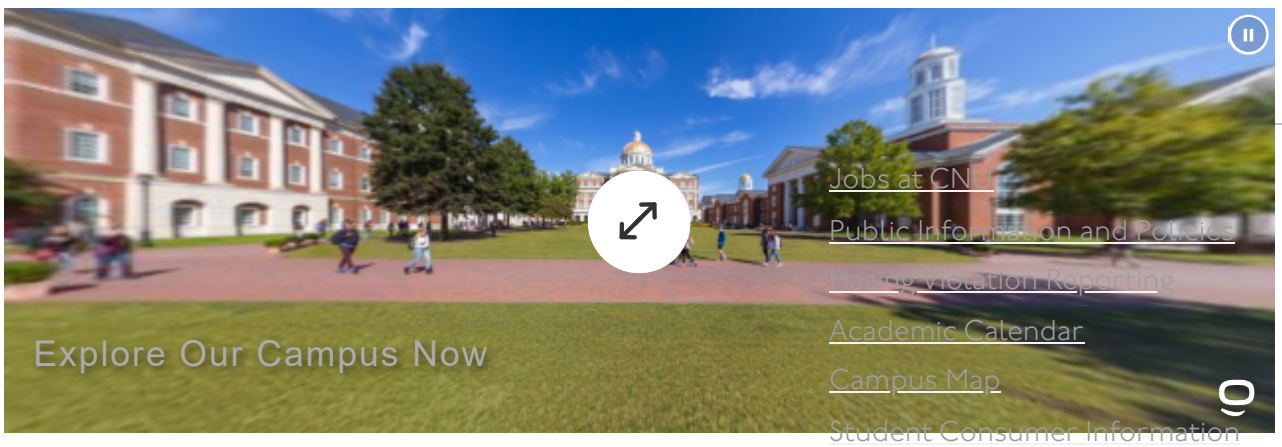
Public Education and Outreach

Description	PDF
Only Rain Down the Drain A reminder about water pollution with an emergency call list on the back.	
Be a Solution to Water Pollution An informational flier about water pollution.	

DESCRIPTION	PDF
Guidelines for Charity Car Wash Fund Raisers Car washes to raise funds for charities, schools activities or community groups often occur in densely populated urban areas. Car-washing activities can affect water quality if not properly managed. Wash water from these activities may flow into surface waters or into a storm drain.	
Gardening Symposium The Grounds Department provides an educational stormwater table at the annual Gardening Symposium. We provide advice and literature related to rain gardens, stormwater runoff, urban nutrient management and environmentally friendly landscaping.	

CONSTRUCTION SITES

Construction projects that disturb more than one acre are required to obtain a Virginia Stormwater Management Program construction permit from the Virginia Department Environmental Quality.



Jobs at CNU
Public Information and Policies
Hazing Violation Reporting
Academic Calendar
Campus Map
Student Consumer Information

SERVICES

Trible Library
Request Admission Information
Campus Safety
Title IX & Equal Opportunity
Emergency Alerts

One Avenue of the Arts | Newport News, VA 23606 | (757) 594-7000

REPORT A PROBLEM

On-Campus Signage

Pet Waste Stations	
Construction Signage	 
Storm Drain Medallions	

Public Involvement Activities

Construction Fence Painting	    

Football Clean-Up Event	   

Student Athlete Clean-Up Event	 

Appendix C MINIMUM CONTROL MEASURE 3 (MCM3) SUPPLEMENTAL INFORMATION

CHRISTOPHER NEWPORT
UNIVERSITY

Illicit Discharge Detection and Elimination (IDDE) Policy

Grounds Department
1 Avenue of the Arts, Newport News, VA 23606
Phone: (757) 594-8700
Email: Grounds@cnu.edu

Revised: 8/15/22

Background

Christopher Newport University (CNU) is the owner and operator of registered small municipal separate storm sewer system (MS4). A Stormwater Quality and Quantity Management Study was developed for the University by Koontz-Bryant in 2002 and revised in 2008. This study contains detailed information on the existing stormwater conveyance system at the University Based on the stormwater study, the University area encompasses 142.5 acres. The study also provides a map (updated in 2008) showing drainage areas and storm sewer mapping. CNU further had a Stormwater Master Plan developed in 2019 by VHB that updates the stormwater plan for the campus, providing an approximate total institutional footprint of 152 acres that includes the MS4 area and other facilities that CNU operates in the adjacent City of Newport News MS4.

1. Purpose of Policy

The purpose of this policy is to provide protection measures to the environment at CNU, and the surrounding areas, through the regulation of non-stormwater discharges to the storm drainage system to the maximum extent practicable as required by federal, state, and local law. This policy establishes practices in the MS4 to comply with requirements of the National Pollutant Discharge Elimination System (NPDES) permit process, as implemented through the Virginia Stormwater Management Program (VSMP) permit for CNU. The objectives of this policy are as follows:

A. To prevent or minimize to the maximum extent practicable, the discharge of pollutants from University properties and operations into the storm drainage system.

B. To develop, implement and enforce a program to detect and eliminate illicit discharges, as defined by 9VAC25-870-400 and 9VAC25-870-10, into the regulated small MS4.

C. To comply with the requirements of CNU's stormwater permit.

2. Definitions

Best Management Practices (BMPs): Activities, prohibitions of practices, general housekeeping practices, pollution prevention and educational practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants directly or indirectly to stormwater, receiving waters, or stormwater conveyance systems. BMPs also include treatment practices, operating procedures, and practices to control site runoff, spillage or leaks, sludge or water disposal, or drainage from raw materials storage.

Contractor: Any individual or company, including a subcontractor, hired to perform services on university property.

Hazardous substance: Any substance designated under the Code of Virginia or 40 CFR Part 116 pursuant to § 311 of the CWA.

Illicit discharge: Any discharge to a municipal separate storm sewer that is not composed entirely of stormwater, except discharges pursuant to a separate VPDES or state permit (other than the state permit for discharges from the municipal separate storm sewer), discharges resulting from firefighting activities, and discharges identified by and in compliance with 9VAC25-870-400 D 2 c (3).

Municipal separate storm sewer (MS4): A conveyance or system of conveyances otherwise known as a municipal separate storm sewer system, including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains:

1) Owned or operated by a federal, state, city, town, county, district, association, or other public body, created by or pursuant to state law, having jurisdiction or delegated authority for erosion and sediment control and stormwater management, or a designated and approved management agency under § 208 of the CWA that discharges to surface waters;
2) Designed or used for collecting or conveying stormwater;
3) That is not a combined sewer; and
4) That is not part of a publicly owned treatment works.

Municipal Separate Storm Sewer System (MS4): All separate storm sewers that are defined as "large" or "medium" or "small" municipal separate storm sewer systems or designated under 9VAC25-870-380 A 1.

Municipal Separate Storm Sewer System Management Program or MS4 Program: A management program covering the duration of a permit for a municipal separate storm sewer system that includes a comprehensive planning process that involves public participation and intergovernmental coordination, to reduce the discharge of pollutants to the maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the CWA and regulations and the Virginia Stormwater Management Act and attendant regulations, using management practices, control techniques, and system, design and engineering methods, and such other provisions that are appropriate.

National Pollutant Discharge Elimination System (NPDES) Storm Water Discharge Permit: A permit issued by EPA (or by a State under authority delegated pursuant to 33 USC §1342(b)) that authorizes the discharge of pollutants to waters of the United States, whether the permit is applicable on an individual, group, or general area-wide basis.

Non-stormwater discharge: Any discharge to the storm drain system that is not composed entirely of stormwater.

Outfall: When used in reference to municipal separate storm sewers, a point source at the point where a municipal separate storm sewer discharges to surface waters and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels or other conveyances which connect segments of the same stream or other surface waters and are used to convey surface waters.

Point source: Any discernible, confined, and discrete conveyance including, but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel, or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural stormwater runoff.

Pollutant: Anything which causes or contributes to pollution. Pollutants may include, but are not limited to: paints, varnishes, and solvents; oil and other automotive fluids; non- hazardous liquid and solid wastes and yard wastes; refuse, rubbish, garbage, litter, or other discarded or abandoned objects, ordinances, and accumulations, so that same may cause or contribute to pollution; floatables; pesticides, herbicides, and fertilizers; hazardous substances and wastes; sewage, fecal coliform and

pathogens; dissolved and particulate metals; animal wastes; wastes and residues that result from constructing a building or structure; and noxious or offensive matter of any kind.

Source: Any building, structure, facility, installation, or activity from which there is or may be a discharge of pollutants.

State waters: All water, on the surface and under the ground, wholly or partially within or bordering the Commonwealth or within its jurisdiction, including wetlands.

Stormwater: Any surface flow, runoff, and drainage consisting entirely of water from any form of natural precipitation, and resulting from such precipitation.

Wetlands: Those areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs and similar areas.

Visitor: A person who is not enrolled at, compensated by, or an affiliate of the University.

3. Applicability

This policy is applicable to all students, faculty, staff, contractors, and visitors of the University. This policy shall apply to all water entering the storm drain system generated on any lands owned or operated by the University.

4. Responsibility for Administration.

The University shall administer, implement, and enforce the provisions of this policy.

5. Compatibility with Other Regulations

This policy is not intended to modify or repeal any other policy, ordinance, rule, regulation, or other provision of law. The requirements of this policy are in addition to the requirements of any other policy, ordinance, rule, regulation, or other provision of law, and where any provision of this policy imposes restrictions different from those imposed by any other policy, ordinance, rule, regulation, or other provision of law, whichever provision is more restrictive or imposes higher protective standards for human health or the environment shall control.

6. Severability

The provisions of this policy are declared to be severable. If any provision of this policy is held invalid, this determination will not affect the other provisions or application of this policy.

7. Illicit Discharges

No CNU employee, student, visitor, contractor, or department shall cause or allow discharges into the University's storm drainage system which are not composed entirely of stormwater, except for the allowed discharges provided in the Virginia Stormwater Management Program (VSMP) Regulations

(9VAC25-870). The spilling, dumping, or disposal of materials other than stormwater to the storm drainage system are strictly prohibited.

Prohibited discharges include, but are not limited to:

- Wastewater from washout of concrete
- Wastewater from the washout and cleanout of stucco, paint, form release oils, curing compounds, and other construction materials
- Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance
- Oils, toxic substances, or hazardous substances from spills or other releases
- Soaps, solvents, or detergents used in equipment and vehicle washing

8. Allowed Discharges

The following discharges to the storm drainage system are allowed, as per 9VAC25-890-20 as they are considered to be not significant contributors of pollutants to the MS4:

- Discharges that are covered under a separate individual or general VPDES or VSMP permit for non-stormwater discharges.

- Discharges or flows which are not significant contributors of pollutants to the municipal separate storm sewer system:

    - Water line flushing, managed in a manner to avoid an instream impact;
    - Landscape irrigation;
    - Diverted stream flows;
    - Rising groundwaters;
    - Uncontaminated groundwater infiltration, as defined at 40 CFR 35.2005(20);
    - Uncontaminated pumped groundwater;
    - Discharges from potable water sources;
    - Foundation drains;
    - Air conditioning condensation;
    - Irrigation water;
    - Springs;
    - Water from crawl space pumps;
    - Footing drains;
    - Lawn watering;
    - Individual residential car washing;
    - Flows from riparian habitats and wetlands;
    - Dechlorinated swimming pool discharges;
    - Street wash water;
    - Discharges or flows from firefighting activities;
    - Discharges from noncommercial fundraising car washes if the washing uses only biodegradable, phosphate-free, water-based cleaners; or
    - Other activities generating discharges identified by the department as not requiring VPDES authorization.

9. Procedures

Inspections

CNU shall, at a minimum, visually inspect all outfalls once per year during dry weather conditions to evaluate the physical condition of the outfalls and to ensure that there no flows present from potential illicit discharges. These dry weather screening events shall record the following information:

1. The unique identifier for the outfall or observation point;
2. Time since the last precipitation event;
3. The estimated quantity of the last precipitation event;
4. Site descriptions (e.g., conveyance type and dominant watershed land uses);
5. Observed indicators of possible illicit discharge events, such as floatables, deposits, stains, and vegetative conditions (e.g., dying or dead vegetation, excessive vegetative growth);
6. Whether or not a discharge was observed;
7. If a discharge was observed, the estimated discharge rate and visual characteristics of the discharge (e.g. odor, color, clarify) and the physical condition of the outfall; and
8. For observation points, the location, downstream outfall unique identifier and risk factors or rationale for establishing the observation point.

In the event a flow is observed, or evidence suggests that illicit discharges may exist, further investigation shall be administered by any of the following methods as appropriate:

1. Date of inspection and follow-up;
2. Tracing discharge up the storm sewer system;
3. Sampling of a discharge for analysis in order to determine if a pollutant is present and to identify the pollutant;
4. Implement BMPs to eliminate illicit discharges;
5. Scheduling of follow up observations; and,
6. Any other appropriate measures deemed necessary.

Flows suspected of containing illicit discharges due to the presence of odors, colors or sheens shall be further analyzed, which may include testing. If determined to be a naturally occurring issue and not an illicit discharge, no further analysis will be performed. Test parameters may include but are not limited to ammonia, detergent, chlorine, phosphorus, nitrogen, pH, conductivity, turbidity, temperature, and dissolved oxygen. The results of the inspections and testing shall be maintained in a format to allow tracking of outfall locations, inspection dates, chemical tests conducted, and follow-up procedures implemented to correct any detected illicit discharge. The physical condition of the outfall shall also be noted during the inspections. Illicit discharge data will be used in the preparation of the annual report to the Virginia Department of Environmental Quality.

Notification of Spills and Illicit Discharges

Once a spill or illicit discharge has been observed, the incident shall be immediately reported to the University MS4 Program Coordinator. In the event the program coordinator is unavailable, any member of the Stormwater Pollution Prevention Team or University Police may be notified. Failure to provide notification of the incident shall be a violation of this policy.

The MS4 Program Coordinator, or designee, shall conduct and an initial investigation within one business day of receiving notification. The MS4 Program Coordinator shall determine appropriate measures taken in order to prevent further discharge(s) and to begin remediation of pollution.

Tracking

Field surveys and instances of illicit discharges or spills shall be tracked in our IDDE Database and include:

1. Date discharge observed/reported;
2. Location of discharge;
3. Summary;
    a. Results of investigation;
    b. Any follow-up to investigation;
    c. Resolution of investigation; and,
4. Date investigation closed.

Enforcement and Penalties

Whenever the University finds that a violation of this Policy has occurred, CNU may order compliance by written notice to the responsible party. Such notice may require without limitation:

1. The performance of monitoring, analyses, and reporting;
2. The elimination of prohibited discharges or connections;
3. Cessation of any violating discharges, practices, or operations;
4. The abatement or remediation of stormwater pollution or contamination hazards and the restoration of any affected property;
5. Payment of any fee, penalty, or fine assessed against Christopher Newport University to cover remediation cost;
6. The implementation of new stormwater management practices; and
7. Disciplinary action up to and including dismissal, where appropriate.

The listed requirements will be at the expense of the responsible party. In the event that adequate measures are not initiated, the University may issue work orders to correct the violation and bill the responsible party for expenses incurred.

10. Training and Education

A training program for Stormwater Pollution Prevention/Good Housekeeping and IDDE is presented to applicable employees upon hire and no less than once per 24 months. Educational materials for Stormwater Pollution Prevention and IDDE are distributed through various forms of media to the members of the University.

East

Stormwater Outfalls

Watershed/Subshed:	Assessed by: Jessica Slagle + Megan Forenod
Outfall ID: Outfall 1	Date of Last Rainfall:
Date: 6/3/2024 Time: 10:15 am	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☑ Closed Pipe	☑ Concrete ☐ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☑ Circular ☐ Other:	☐ Single ☐ Double	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully	
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:			
Flow	☐None ☑Trickle ☐Moderate ☐Substantial ☐Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☑ Pipe Condition	☐Chip/Cracked ☐Corrosion ☐Peeling Paint ☑Other disjoint	
☐ Odor	☐Gas ☐Sewage ☐Sulfide ☐Other_____	
☑ Deposits/Stains	☐Oily ☑Flow Line ☐Paint ☐Iron	
☐ Vegetation	☐Normal ☐Inhibited ☐Excessive	
☑ Pipe Benthic Growth	☐Brown ☑Orange ☐Green ☐ Other_____	
☐ Pool Quality	☐Good ☐Odors ☐Algae ☐Colors ☐Oils ☐Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐1 - Faint	☐2 - Easily detected	☐3 - Noticeable from a distance
☑ Color	☐ Clear ☐ Brown ☑ Orange ☐ Grey ☐ Other:_____	☐1 – Trace colors	☐2 – Faint Colors	☐3 – Clearly visible
☐ Turbidity	See Severity	☐1- Slight Cloudiness	☐2 – Cloudy	☐3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐1 – Few/slight	☐2 - Some; indication of origin	☐3 – Many

West Llaregyb

Stormwater Outfalls

Watershed/Subshed: 6/3/2024	Assessed by: Jessica Slagle + Megan Forenor
Outfall ID: Outfall 2	Date of Last Rainfall:
Date: Time: 10:30 AM	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☒ Closed Pipe	☒ Concrete ☐ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☒ Circular ☐ Other:	☒ Single ☐ Double	In Water: ☒ No ☒ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully	
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:			
Flow	☐ None ☒ Trickle ☐ Moderate ☐ Substantial ☐ Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☒ Pipe Condition	☐ Chip/Cracked ☐ Corrosion ☐ Peeling Paint ☐ Other_____	
☒ Odor	☐ Gas ☒ Sewage ☒ Sulfide ☐ Other_____	
☒ Deposits/Stains	☐ Oily ☒ Flow Line ☐ Paint ☐ Iron	
☐ Vegetation	☐ Normal ☐ Inhibited ☐ Excessive	
☐ Pipe Benthic Growth	☐ Brown ☐ Orange ☐ Green ☐ Other_____	
☒ Pool Quality	☐ Good ☒ Odors ☐ Algae ☐ Colors ☐ Oils ☐ Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐ 1 - Faint	☐ 2 - Easily detected	☐ 3 - Noticeable from a distance
☐ Color	☐ Clear ☐ Brown ☐ Orange ☐ Grey ☐ Other:_____	☐ 1 – Trace colors	☐ 2 – Faint Colors	☐ 3 – Clearly visible
☐ Turbidity	See Severity	☐ 1- Slight Cloudiness	☐ 2 – Cloudy	☐ 3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐ 1 – Few/slight	☐ 2 - Some; indication of origin	☐ 3 – Many

West (small)

Stormwater Outfalls

Watershed/Subshed: 6/13/2024	Assessed by: Jessica Slagle + Megan Foreman
Outfall ID: Outfall 3	Date of Last Rainfall:
Date: Time: 10:35 am	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☒ Closed Pipe	☒ Concrete ☐ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☒ Circular ☐ Other:	☒ Single ☐ Double	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully	
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:			
Flow	☒ None ☐ Trickle ☐ Moderate ☐ Substantial ☐ Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☒ Pipe Condition	☐ Chip/Cracked ☐ Corrosion ☐ Peeling Paint ☒ Other roots growing inside	
☐ Odor	☐ Gas ☐ Sewage ☐ Sulfide ☐ Other_____	
☐ Deposits/Stains	☐ Oily ☐ Flow Line ☐ Paint ☐ Iron	
☒ Vegetation	☐ Normal ☐ Inhibited ☐ Excessive	
☒ Pipe Benthic Growth	☐ Brown ☐ Orange ☒ Green ☐ Other Moss	
☐ Pool Quality	☐ Good ☐ Odors ☐ Algae ☐ Colors ☐ Oils ☐ Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐ 1 - Faint	☐ 2 - Easily detected	☐ 3 - Noticeable from a distance
☐ Color	☐ Clear ☐ Brown ☐ Orange ☐ Grey ☐ Other:_____	☐ 1 – Trace colors	☐ 2 – Faint Colors	☐ 3 – Clearly visible
☐ Turbidity	See Severity	☐ 1- Slight Cloudiness	☐ 2 – Cloudy	☐ 3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐ 1 – Few/slight	☐ 2 - Some; indication of origin	☐ 3 – Many

Christopher Newport University

Annual Outfall Inspections Photo Log

June 2024

Outfall 1

Photo #1: 48” Concrete Pipe

Photo #2: Ground water present

Photo #3: Pipe is disjointed

Photo #4: Tree growing into headwall

Outfall 2

Photo #1: 72” Concrete Pipe

Photo #2: Outfall 2 receiving channel

Photo #3: Some flow from upstream, backwater present in pipe due to receiving channel conditions

Outfall 3

Photo #1: 24” Concrete pipe

Photo #2: Outfall 3 receiving channel

Stormwater Outfalls

Watershed/Subshed:	Assessed by: Jessica Slagle + Morgen Foreman
Outfall ID: C1	Date of Last Rainfall:
Date: 6/3/2024 Time: 10:50 am	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☑ Closed Pipe	☑ Concrete ☐ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☑ Circular ☐ Other:	☑ Single ☐ Double	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☐ No ☑ Partially ☐ Fully	Standing water and minor sediment accumulation.
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:			
Flow	☐None ☐Trickle ☐Moderate ☐Substantial ☐Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☐ Pipe Condition	☐Chip/Cracked ☐Corrosion ☐Peeling Paint ☐Other_____	
☐ Odor	☐Gas ☐Sewage ☐Sulfide ☐Other_____	
☐ Deposits/Stains	☐Oily ☐Flow Line ☐Paint ☐Iron	
☐ Vegetation	☐Normal ☐Inhibited ☐Excessive	
☐ Pipe Benthic Growth	☐Brown ☐Orange ☐Green ☐ Other_____	
☐ Pool Quality	☐Good ☐Odors ☐Algae ☐Colors ☐Oils ☐Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐1 - Faint	☐2 - Easily detected	☐3 - Noticeable from a distance
☐ Color	☐ Clear ☐ Brown ☐ Orange ☐ Grey ☐ Other:_____	☐1 – Trace colors	☐2 – Faint Colors	☐3 – Clearly visible
☐ Turbidity	See Severity	☐1- Slight Cloudiness	☐2 – Cloudy	☐3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐1 – Few/slight	☐2 - Some; indication of origin	☐3 – Many

Storm Water Outfalls

Watershed/Subshed:	Assessed by: Jessica Slagle + Megan Foreman
Outfall ID: C2	Date of Last Rainfall:
Date: 6/3/2024 Time: 11:10 am	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☒ Closed Pipe	☒ Concrete ☐ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☒ Circular ☐ Other:	☒ Single ☐ Double	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully	Structure & downstream pipe has sediment accumulation
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:		Depth:_____ Width (top):_____ (bottom):_____	
Flow	☒ None ☐ Trickle ☐ Moderate ☐ Substantial ☐ Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☐ Pipe Condition	☐ Chip/Cracked ☐ Corrosion ☐ Peeling Paint ☐ Other_____	
☐ Odor	☐ Gas ☐ Sewage ☐ Sulfide ☐ Other_____	
☐ Deposits/Stains	☐ Oily ☐ Flow Line ☐ Paint ☐ Iron	
☐ Vegetation	☐ Normal ☐ Inhibited ☐ Excessive	
☐ Pipe Benthic Growth	☐ Brown ☐ Orange ☐ Green ☐ Other_____	
☐ Pool Quality	☐ Good ☐ Odors ☐ Algae ☐ Colors ☐ Oils ☐ Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐ 1 - Faint	☐ 2 - Easily detected	☐ 3 - Noticeable from a distance
☐ Color	☐ Clear ☐ Brown ☐ Orange ☐ Grey ☐ Other:_____	☐ 1 – Trace colors	☐ 2 – Faint Colors	☐ 3 – Clearly visible
☐ Turbidity	See Severity	☐ 1- Slight Cloudiness	☐ 2 – Cloudy	☐ 3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐ 1 – Few/slight	☐ 2 - Some; indication of origin	☐ 3 – Many

Stormwater Outfalls

Watershed/Subshed:	Assessed by: Jessica Slagle + Megan Farmer
Outfall ID: C3	Date of Last Rainfall:
Date: 6/3/2024 Time: 11:12 am	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☒ Closed Pipe	☒ Concrete ☐ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☒ Circular ☐ Other:	☒ Single ☐ Double	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully	
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:			
Flow	☒ None ☐ Trickle ☐ Moderate ☐ Substantial ☐ Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☐ Pipe Condition	☐ Chip/Cracked ☐ Corrosion ☐ Peeling Paint ☐ Other_____	
☐ Odor	☐ Gas ☐ Sewage ☐ Sulfide ☐ Other_____	
☐ Deposits/Stains	☐ Oily ☐ Flow Line ☐ Paint ☐ Iron	
☐ Vegetation	☐ Normal ☐ Inhibited ☐ Excessive	
☐ Pipe Benthic Growth	☐ Brown ☐ Orange ☐ Green ☐ Other_____	
☐ Pool Quality	☐ Good ☐ Odors ☐ Algae ☐ Colors ☐ Oils ☐ Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐ 1 - Faint	☐ 2 - Easily detected	☐ 3 - Noticeable from a distance
☐ Color	☐ Clear ☐ Brown ☐ Orange ☐ Grey ☐ Other:_____	☐ 1 – Trace colors	☐ 2 – Faint Colors	☐ 3 – Clearly visible
☐ Turbidity	See Severity	☐ 1- Slight Cloudiness	☐ 2 – Cloudy	☐ 3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐ 1 – Few/slight	☐ 2 - Some; indication of origin	☐ 3 – Many

Storm Water Outfalls

Watershed/Subshed:	Assessed by: Jessica Slagle + Megan Forcman
Outfall ID: C4	Date of Last Rainfall:
Date: 6/3/2024 Time: 11:14 AM	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☒ Closed Pipe	☒ Concrete ☐ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☒ Circular ☐ Other:	☒ Single ☐ Double	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully	
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:		Depth:_____ Width (top):_____ (bottom):_____	
Flow	☑ None ☐ Trickle ☐ Moderate ☐ Substantial ☐ Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☐ Pipe Condition	☐ Chip/Cracked ☐ Corrosion ☐ Peeling Paint ☐ Other_____	
☐ Odor	☐ Gas ☐ Sewage ☐ Sulfide ☐ Other_____	
☐ Deposits/Stains	☐ Oily ☐ Flow Line ☐ Paint ☐ Iron	
☐ Vegetation	☐ Normal ☐ Inhibited ☐ Excessive	
☐ Pipe Benthic Growth	☐ Brown ☐ Orange ☐ Green ☐ Other_____	
☐ Pool Quality	☐ Good ☐ Odors ☐ Algae ☐ Colors ☐ Oils ☐ Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐ 1 - Faint	☐ 2 - Easily detected	☐ 3 - Noticeable from a distance
☐ Color	☐ Clear ☐ Brown ☐ Orange ☐ Grey ☐ Other:_____	☐ 1 – Trace colors	☐ 2 – Faint Colors	☐ 3 – Clearly visible
☐ Turbidity	See Severity	☐ 1- Slight Cloudiness	☐ 2 – Cloudy	☐ 3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐ 1 – Few/slight	☐ 2 - Some; indication of origin	☐ 3 – Many

Stormwater Outfalls

Watershed/Subshed:	Assessed by: Jessica Slagle + Megan Foreman
Outfall ID: C5	Date of Last Rainfall:
Date: 6/3/2024 Time: 11:16 am	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☒ Closed Pipe	☐ Concrete ☒ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☒ Circular ☐ Other:	☒ Single ☐ Double	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully	sediment accumulation in downstream pipe + structure
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:			
Flow	☒ None ☐ Trickle ☐ Moderate ☐ Substantial ☐ Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☐ Pipe Condition	☐ Chip/Cracked ☐ Corrosion ☐ Peeling Paint ☐ Other_____	
☐ Odor	☐ Gas ☐ Sewage ☐ Sulfide ☐ Other_____	
☐ Deposits/Stains	☐ Oily ☐ Flow Line ☐ Paint ☐ Iron	
☐ Vegetation	☐ Normal ☐ Inhibited ☐ Excessive	
☐ Pipe Benthic Growth	☐ Brown ☐ Orange ☐ Green ☐ Other_____	
☐ Pool Quality	☐ Good ☐ Odors ☐ Algae ☐ Colors ☐ Oils ☐ Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐ 1 - Faint	☐ 2 - Easily detected	☐ 3 - Noticeable from a distance
☐ Color	☐ Clear ☐ Brown ☐ Orange ☐ Grey ☐ Other:_____	☐ 1 – Trace colors	☐ 2 – Faint Colors	☐ 3 – Clearly visible
☐ Turbidity	See Severity	☐ 1- Slight Cloudiness	☐ 2 – Cloudy	☐ 3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐ 1 – Few/slight	☐ 2 - Some; indication of origin	☐ 3 – Many

Storm Water Outfalls

Watershed/Subshed:	Assessed by: Jessica Slagle & Megan Forema
Outfall ID: C4	Date of Last Rainfall:
Date: 6/3/2024 Time: 11:18 am	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☑ Closed Pipe	☐ Concrete ☑ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☑ Circular ☐ Other:	☑ Single ☐ Double	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☐ No ☑ Partially ☐ Fully	sediment accumulation in structure, outfall, & downstream pipe.
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:		Depth:_____ Width (top):_____ (bottom):_____	
Flow	☑ None ☐ Trickle ☐ Moderate ☐ Substantial ☐ Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☐ Pipe Condition	☐ Chip/Cracked ☐ Corrosion ☐ Peeling Paint ☐ Other_____	
☐ Odor	☐ Gas ☐ Sewage ☐ Sulfide ☐ Other_____	
☐ Deposits/Stains	☐ Oily ☐ Flow Line ☐ Paint ☐ Iron	
☐ Vegetation	☐ Normal ☐ Inhibited ☐ Excessive	
☐ Pipe Benthic Growth	☐ Brown ☐ Orange ☐ Green ☐ Other_____	
☐ Pool Quality	☐ Good ☐ Odors ☐ Algae ☐ Colors ☐ Oils ☐ Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐ 1 - Faint	☐ 2 - Easily detected	☐ 3 - Noticeable from a distance
☐ Color	☐ Clear ☐ Brown ☐ Orange ☐ Grey ☐ Other:_____	☐ 1 – Trace colors	☐ 2 – Faint Colors	☐ 3 – Clearly visible
☐ Turbidity	See Severity	☐ 1- Slight Cloudiness	☐ 2 – Cloudy	☐ 3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐ 1 – Few/slight	☐ 2 - Some; indication of origin	☐ 3 – Many

Stormwater Outfalls

Watershed/Subshed:	Assessed by: Jessica Slagle + Megan Forman
Outfall ID: C7	Date of Last Rainfall:
Date: 6/13/2024 Time: 11:20 am	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☒ Closed Pipe	☒ Concrete ☐ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☒ Circular ☐ Other:	☒ Single ☐ Double	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully	
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:			
Flow	☒ None ☐ Trickle ☐ Moderate ☐ Substantial ☐ Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☐ Pipe Condition	☐ Chip/Cracked ☐ Corrosion ☐ Peeling Paint ☐ Other_____	
☐ Odor	☐ Gas ☐ Sewage ☐ Sulfide ☐ Other_____	
☒ Deposits/Stains	☐ Oily ☒ Flow Line ☐ Paint ☐ Iron	
☐ Vegetation	☐ Normal ☐ Inhibited ☐ Excessive	
☐ Pipe Benthic Growth	☐ Brown ☐ Orange ☐ Green ☐ Other_____	
☐ Pool Quality	☐ Good ☐ Odors ☐ Algae ☐ Colors ☐ Oils ☐ Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐ 1 - Faint	☐ 2 - Easily detected	☐ 3 - Noticeable from a distance
☐ Color	☐ Clear ☐ Brown ☐ Orange ☐ Grey ☐ Other:_____	☐ 1 – Trace colors	☐ 2 – Faint Colors	☐ 3 – Clearly visible
☐ Turbidity	See Severity	☐ 1- Slight Cloudiness	☐ 2 – Cloudy	☐ 3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐ 1 – Few/slight	☐ 2 - Some; indication of origin	☐ 3 – Many

Storm Water Outfalls

Watershed/Subshed:	Assessed by: Jessica Slagle + Megan Forenon
Outfall ID: C8	Date of Last Rainfall:
Date: 6/3/2024 Time: 11:22 am	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☒ Closed Pipe	☒ Concrete ☐ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☒ Circular ☐ Other:	☐ Single ☒ Double	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully	downstream pipe + structure have sediment accumulation
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:		Depth:_____ Width (top):_____ (bottom):_____	
Flow	☒ None ☐ Trickle ☐ Moderate ☐ Substantial ☐ Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☐ Pipe Condition	☐ Chip/Cracked ☐ Corrosion ☐ Peeling Paint ☐ Other_____	
☐ Odor	☐ Gas ☐ Sewage ☐ Sulfide ☐ Other_____	
☐ Deposits/Stains	☐ Oily ☐ Flow Line ☐ Paint ☐ Iron	
☐ Vegetation	☐ Normal ☐ Inhibited ☐ Excessive	
☐ Pipe Benthic Growth	☐ Brown ☐ Orange ☐ Green ☐ Other_____	
☐ Pool Quality	☐ Good ☐ Odors ☐ Algae ☐ Colors ☐ Oils ☐ Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐ 1 - Faint	☐ 2 - Easily detected	☐ 3 - Noticeable from a distance
☐ Color	☐ Clear ☐ Brown ☐ Orange ☐ Grey ☐ Other:_____	☐ 1 – Trace colors	☐ 2 – Faint Colors	☐ 3 – Clearly visible
☐ Turbidity	See Severity	☐ 1- Slight Cloudiness	☐ 2 – Cloudy	☐ 3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐ 1 – Few/slight	☐ 2 - Some; indication of origin	☐ 3 – Many

Stormwater Outfalls

Watershed/Subshed:	Assessed by: Jessica Slagle + Megan Foreman
Outfall ID: CO	Date of Last Rainfall:
Date: 6/3/2024 Time: 1:05 pm	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☑ Closed Pipe	☐ Concrete ☐ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☑ Circular ☐ Other:	☑ Single ☐ Double	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☐ No ☑ Partially ☐ Fully	Minor sediment accumulation
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:			
Flow	☑ None ☐ Trickle ☐ Moderate ☐ Substantial ☐ Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☐ Pipe Condition	☐ Chip/Cracked ☐ Corrosion ☐ Peeling Paint ☐ Other_____	
☐ Odor	☐ Gas ☐ Sewage ☐ Sulfide ☐ Other_____	
☐ Deposits/Stains	☐ Oily ☐ Flow Line ☐ Paint ☐ Iron	
☐ Vegetation	☐ Normal ☐ Inhibited ☐ Excessive	
☐ Pipe Benthic Growth	☐ Brown ☐ Orange ☐ Green ☐ Other_____	
☐ Pool Quality	☐ Good ☐ Odors ☐ Algae ☐ Colors ☐ Oils ☐ Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐ 1 - Faint	☐ 2 - Easily detected	☐ 3 - Noticeable from a distance
☐ Color	☐ Clear ☐ Brown ☐ Orange ☐ Grey ☐ Other:_____	☐ 1 – Trace colors	☐ 2 – Faint Colors	☐ 3 – Clearly visible
☐ Turbidity	See Severity	☐ 1- Slight Cloudiness	☐ 2 – Cloudy	☐ 3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐ 1 – Few/slight	☐ 2 - Some; indication of origin	☐ 3 – Many

~~Could not locate~~

Watershed/Subshed:	Assessed by: Jessica Slagle + Megan Forman
Outfall ID: C10	Date of Last Rainfall:
Date: 6/3/2024 Time: 1:21 pm	Rainfall Quantity:

TYPE	MATERIAL	SHAPE		SUBMERGED	GENERAL OBSERVATIONS
☑ Closed Pipe	☑ Concrete ☐ PVC/Plastic ☐ Metal ☐ Brick ☐ Other:	☑ Circular ☐ Other:	☑ Single ☐ Double	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully	
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Other:	☐ Trapezoid: ☐ Parabolic: ☐ Other:		Depth:_____ Width (top):_____ (bottom):_____	
Flow	☑ None ☐ Trickle ☐ Moderate ☐ Substantial ☐ Estimate flow rate_____				

FOR BOTH FLOWING and NON-FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	COMMENTS
☐ Pipe Condition	☐ Chip/Cracked ☐ Corrosion ☐ Peeling Paint ☐ Other_____	
☐ Odor	☐ Gas ☐ Sewage ☐ Sulfide ☐ Other_____	
☐ Deposits/Stains	☐ Oily ☐ Flow Line ☐ Paint ☐ Iron	
☐ Vegetation	☐ Normal ☐ Inhibited ☐ Excessive	
☐ Pipe Benthic Growth	☐ Brown ☐ Orange ☐ Green ☐ Other_____	
☐ Pool Quality	☐ Good ☐ Odors ☐ Algae ☐ Colors ☐ Oils ☐ Suds	

FOR FLOWING OUTFALLS:

INDICATOR	DESCRIPTION	RELATIVE SEVERITY INDEX		
☐ Odor	☐ Sewage ☐ Petroleum/gas ☐ Sulfide ☐ Rancid/sour ☐ Other: _____	☐ 1 - Faint	☐ 2 - Easily detected	☐ 3 - Noticeable from a distance
☐ Color	☐ Clear ☐ Brown ☐ Orange ☐ Grey ☐ Other:_____	☐ 1 – Trace colors	☐ 2 – Faint Colors	☐ 3 – Clearly visible
☐ Turbidity	See Severity	☐ 1- Slight Cloudiness	☐ 2 – Cloudy	☐ 3 - Opaque
☐ Floatables (not including trash)	☐ Sewage ☐ Suds ☐ Iron ☐ Petroleum (oil sheen)	☐ 1 – Few/slight	☐ 2 - Some; indication of origin	☐ 3 – Many

Christopher Newport University

Annual Outfall Inspections Photo Log

June 2024

C1

Photo #1: Overall

Photo #2: Standing water present

C2

Photo #1: Overall

Photo #2: Some sediment and debris accumulation present

C3

Photo #1: Overall

Photo #2: Minor road grit accumulation present

C4

Photo #1: Overall

Photo #2: Minor sediment accumulation present

C5

Photo #1: Overall

Photo #2: Some debris accumulation present

C6

Photo # 1: Overall

Photo #2: Significant sediment accumulation present

C7

Photo #1: Overall

Photo #2: Sediment accumulation and backwater present

C8

Photo #1: Overall

Photo #2: Some sedimentation and debris accumulation present

C9

Photo #1: Grate channel and grate inlet

Photo #2: Upstream outfall pipe

Photo #3: Downstream outfall pipe, some sediment accumulation present

C10

Photo #1: Grate inlet

Photo #2: Upstream outfall pipe, some road grit accumulation present

Photo #3: Downstream outfall pipe, some sediment accumulation present

Appendix D MINIMUM CONTROL MEASURE 4 (MCM4) SUPPLEMENTAL INFORMATION

CHRISTOPHER NEWPORT UNIVERSITY STANDARDS AND SPECIFICATIONS

Contents:

Virginia Department of Environmental Quality

Standards and Specifications # _____ (Note: to be entered by the Department)

Standards and Specifications Agreement

For

CHRISTOPHER NEWPORT UNIVERSITY

Standards and Specifications Entity

Entity Name:	Christopher Newport University
Entity Address:	437 University Place
City, State, and Zip Code:	Newport News, VA 23606
Contact Name:	Director of Grounds c/o Dean Whitehead
Contact Phone:	757-594-8416
Contact Email:	Dean.whitehead@cnu.edu
Alt. Contact Name:	
Alt. Contact Phone:	
Alt. Contact Email:	

Standards and Specifications Entity Type

- ■ State
- ☐ Federal
- ☐ Linear Utility
- ☐ Public Service Authority
- ☐ Wetland/Stream

Standards and Specifications Agreement Information

Agreement Date: _____

Date of previously approved agreement: 2023

Have there been any updates to your previously approved agreement? ■ Yes ☐ No

Certification

"I certify under penalty of law that this agreement 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."

Printed Name: _____

Title: _____

Signature: _____

Date: _____

Standards and Specifications Agreement

Administration

Per § 62.1-44.15:31 of the Code of Virginia, the Virginia Department of Transportation shall; any other state agency or federal entity may; and electric, natural gas, and telephone utility companies; interstate and intrastate natural gas pipeline companies; railroad companies; and authorities created pursuant to § 15.2-5102 of the Code of Virginia may submit standards and specifications, for approval by the Virginia Department of Environmental Quality (Department), who serves as the Virginia Erosion and Stormwater Management Program (VESMP) authority for all land-disturbing activities subject to approved standards and specifications. The Standards and Specifications Program is designed to provide a single set of standards and specifications, the Virginia Stormwater Management Handbook, Version 1.0, that describes how entities with approved standards and specifications conduct land-disturbing activities in a manner that will be consistent with the requirements of the Virginia Erosion and Stormwater Management Act (VESMA), Virginia Erosion and Stormwater Management Regulation, and the General Virginia Pollutant Discharge Elimination System (VPDES) Permit for Discharges of Stormwater from Construction Activities (Construction General Permit).

Christopher Newport University, hereinafter the “S&S Entity,” is responsible for administering, implementing, and complying with the standards and specifications for Erosion and Sediment Control (ESC) and Stormwater Management (SWM) set out in this agreement by following the design criteria in the Virginia Stormwater Management Handbook, Version 1.0, for land disturbing activities.

Regulated Land-Disturbing Activities

A. Land-disturbing activities that meet one of the criteria below are regulated as follows:
   1. Land-disturbing activity that disturbs 10,000 square feet or more, is less than one acre, not in an area of a locality designated as a Chesapeake Bay Preservation Area, and not part of a common plan of development or sale, is subject to criteria defined in Article 2 (9VAC25-875-540 et seq.) of Part V of the Virginia Erosion and Stormwater Management Regulation (Regulation).
   2. Land-disturbing activity that disturbs 2,500 square feet or more, is less than one acre, and in an area of a locality designated as a Chesapeake Bay Preservation Area is subject to criteria defined in Article 2 (9VAC25-875-540 et seq.) and Article 3 (9VAC25-875-570 et seq.) of Part V of the Regulation unless Article 4 (9VAC25-875-670 et seq) of Part V is applicable, as determined in accordance with 9VAC25-875-480 and 9VAC25-875-490.
   3. Land-disturbing activity that disturbs less than one acre, but is part of a larger common plan of development or sale that disturbs one acre or more, is subject to criteria defined in Article 2 (9VAC25-875-540 et seq.) and Article 3 (9VAC25-875-570 et seq.) of Part V of the Regulation unless Article 4 (9VAC25-875-670 et seq) of Part V is applicable, as determined in accordance with 9VAC25-875-480 and 9VAC25-875-490.
   4. Land-disturbing activity that disturbs one acre or more is subject to criteria defined in Article 2 (9VAC25-875-540 et seq.) and Article 3 (9VAC25-875-570 et seq.) of Part V of the Regulation unless Article 4 (9VAC25-875-670 et seq.) of Part V is applicable, as determined in accordance with 9VAC25- 875-480 and 9VAC25-875-490.

B. Land-disturbing activities exempt per 9VAC25-875-90 are not required to comply with the requirements of the VESMA unless otherwise required by federal law.

Certified Personnel

A. The S&S Entity's administrator shall be responsible for the management and coordination of this standards and specifications agreement and shall be certified as a Dual Combined Administrator as outlined in 9VAC25- 875-400.

B. Plan Reviewers shall review all ESC and SWM plans for compliance with this standards and specifications agreement and all applicable laws and regulations. Plan reviewers shall be certified as a Plan Reviewer for ESC and a Plan Reviewer for SWM or as a Dual Plan Reviewer, as outlined in 9VAC25-875-400.

C. Compliance inspectors shall be responsible for the inspection and compliance of ESC, SWM, and stormwater pollution prevention plan practices. They shall be certified as an Inspector for ESC and an Inspector for SWM or as a Dual Inspector, as outlined in 9VAC25-875-400.

Review and Approval of Plans

A. The S&S Entity has the authority to approve soil erosion control and stormwater management (ESM) plans, except for activities not required to comply with the requirements of the Virginia Erosion and Stormwater Management Act (VESMA), under § 62.1-44.15:34 of the Code of Virginia. The ESM plan is a document describing methods for controlling soil erosion and managing stormwater in accordance with the requirements adopted pursuant to the VESMA. The ESM plan may consist of aspects of the erosion and sediment control plan and the stormwater management plan as each is described in the Virginia Erosion and Stormwater Management Regulation. (9VAC25-875-20)

B. ESM plans must be approved in writing. If a third party is used to fulfill the certification of the plan reviewer, the third-party reviewer may recommend approval to the S&S Entity; however, the S&S Entity formally approves the plan in writing. The date of the approvable plan should be noted in the approval letter signed by the S&S Entity's certified plan reviewer.

C. Plans must be reviewed and approved by Department-certified personnel, as outlined in 9VAC25-875-400, to ensure compliance with these Standards and Specifications for ESC and SWM and reviewed by the S&S Entity for consistency with the Virginia Stormwater Management Handbook, Version 1.0, and applicable permit and regulatory requirements.

D. The Department may require changes to an approved ESM plan in the following cases:

   1. Where inspection has revealed that the plan is inadequate to satisfy applicable regulations or ordinances; or
   2. Where the S&S Entity finds that because of changed circumstances, or for other reasons, the plan cannot be effectively carried out and proposed amendments to the plan, consistent with the requirements of the VESMA, are agreed to by the department, as the VESMP authority, and the S&S Entity.

Erosion and Sediment Control Plan – Contents of Plans

A. The S&S Entity shall prepare an erosion and sediment control plan for its land-disturbing activities. The erosion and sediment control plan shall contain all major conservation decisions to ensure that the entire unit or units of land will be treated to achieve the conservation objectives in 9VAC25-875-560. The erosion and sediment control plan shall be prepared in accordance with 9 VAC25-875-550 and be consistent with design criteria in the Virginia Stormwater Management Handbook, Version 1.0.

B. The person responsible for carrying out the plan shall provide the name of an individual holding a certificate who will be in charge of and responsible for carrying out the land-disturbing activity to the Department.

Erosion and Sediment Control Variances and Exceptions

A. The Department may waive or modify any of the standards that are deemed to be inappropriate or too restrictive for site conditions, by granting a variance. A variance may be granted under these conditions:

   1. Prior to construction, the S&S Entity may request a variance to become part of the approved erosion and sediment control plan. The S&S Entity shall explain the reasons for requesting variances in writing. Specific variances which are allowed by the department shall be documented in the plan.
   2. During construction, the person responsible for implementing the approved plan may request a variance in writing from the Department. The Department shall respond in writing either approving or disapproving such a request. If the department does not approve a variance within 10 days of receipt of the request, the request shall be considered disapproved. Following disapproval, the applicant may resubmit a variance request with additional documentation.

Stormwater Pollution Prevention Plan Contents

A. A stormwater pollution prevention plan shall include, but not be limited to, an approved erosion and sediment control plan, an approved stormwater management plan, a pollution prevention plan for regulated land- disturbing activities, and a description of any additional control measures necessary to address a total maximum daily load (TMDL) pursuant to 9VAC25-875-500 E.

B. An erosion and sediment control plan consistent with the requirements of 9VAC25-875-550 must be designed and implemented during construction activities. Prior to land disturbance, this plan must be approved by a Plan Reviewer for ESC or a Dual Plan Reviewer.

C. A stormwater management plan consistent with the requirements of 9VAC25-875-510 and the design criteria in the Virginia Stormwater Management Handbook, Version 1.0, must be designed and implemented during construction activities. Prior to land disturbance, this plan must be approved by a Plan Reviewer for SWM or a Dual Plan Reviewer.

D. A pollution prevention plan that complies with 9VAC25-875-520 and identifies potential sources of pollutants that may reasonably be expected to affect the quality of stormwater discharges from the construction site and describes control measures that will be used to minimize pollutants in stormwater discharges from the construction site must be developed before land disturbance commences.

E. In addition to the requirements of subsections A through D of this section, if a specific wasteload allocation for a pollutant has been established in an approved TMDL and is assigned to stormwater discharges from a construction activity, additional control measures that are consistent with the Virginia Stormwater Management Handbook, Version 1.0, must be identified and implemented by the operator so that discharges are consistent with the assumptions and requirements of the wasteload allocation.

F. The stormwater pollution prevention plan must address the requirements specified in 40 CFR 450.21, to the extent otherwise required by state law or regulations and any applicable provisions of a state permit:

1. Control stormwater volume and velocity within the site to minimize soil erosion;
2. Control stormwater discharges, including both peak flow rates and total stormwater volume, to minimize erosion at outlets and to minimize downstream channel and stream bank erosion;
3. Minimize the amount of soil exposed during construction activity;
4. Minimize the disturbance of steep slopes;
5. Minimize sediment discharges from the site. The design, installation, and maintenance of erosion and sediment controls must address factors such as the amount, frequency, intensity, and duration of precipitation, the nature of resulting stormwater runoff, and soil characteristics, including the range of soil particle sizes expected to be present on the site;
6. Provide and maintain natural buffers around surface waters, direct stormwater to vegetated areas to increase sediment removal and maximize stormwater infiltration, unless infeasible;
7. Minimize soil compaction and, unless infeasible, preserve topsoil;
8. Stabilization of disturbed areas must, at a minimum, be initiated immediately whenever any clearing, grading, excavating, or other earth-disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days. Stabilization must be completed within a reasonable period of time or as otherwise determined by the department. In arid, semiarid, and drought-stricken areas where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures must be employed as specified by the Department; and
9. Utilize outlet structures that withdraw water from the surface, unless infeasible, when discharging from basins and impoundments.

G. The stormwater pollution prevention plan shall be amended whenever there is a change in design, construction, operation, or maintenance that has a significant effect on the discharge of pollutants to state waters and that has not been previously addressed in the plan. The stormwater pollution prevention plan must be maintained at a central onsite location. If an onsite location is unavailable, notice of the stormwater pollution prevention plan's location must be posted near the main entrance at the construction site.

Stormwater Management Plan Contents

A. A stormwater management plan shall be developed and implemented as approved or modified by the Department-certified plan reviewer and shall be developed in accordance with the following:

1. A stormwater management plan for a land-disturbing activity shall apply the stormwater management technical criteria outlined in Article 3 (9VAC25-875-570 et seq.) of Part V of the Regulation to the entire land-disturbing activity.

2. A stormwater management plan shall consider all sources of surface runoff and all sources of subsurface and groundwater flows converted to surface runoff; and
3. Best management practices in the stormwater management plan are consistent with design criteria in the Virginia Stormwater Management Handbook, Version 1.0.

B. A complete stormwater management plan shall address all requirements of 9VAC25-875-510.

C. All final plan elements, specifications, or calculations of the stormwater management plans whose preparation requires a license under Chapter 4 (§ 54.1-400 et seq.) or 22 (§ 54.1- 2200 et seq.) of Title 54.1 of the Code of Virginia shall be appropriately signed and sealed by a professional who is licensed to engage in practice in the Commonwealth of Virginia. Nothing in this subsection shall authorize any person to engage in practice outside his area of professional competence.

Pollution Prevention Plan Contents

A. A plan for implementing pollution prevention measures during construction activities shall be developed, implemented, and updated as necessary. The pollution prevention plan shall detail the design, installation, implementation, and maintenance of effective pollution prevention measures as specified in 40 CFR 450.21(d) to minimize the discharge of pollutants. At a minimum, such measures must be designed, installed, implemented, and maintained to:
1. Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters. Wash waters must be treated in a sediment basin or alternative control that provides equivalent or better treatment prior to discharge;
2. Minimize the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials present on the site to precipitation and to stormwater; and
3. Minimize the discharge of pollutants from spills and leaks and implement chemical spill and leak prevention and response procedures.

B. The pollution prevention plan shall include effective best management practices to prohibit the following discharges in accordance with 40 CFR 450.21(e):
1. Wastewater from washout of concrete, unless managed by an appropriate control;
2. Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds, and other construction materials;
3. Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance; and
4. Soaps or solvents used in vehicle and equipment washing.

C. Discharges from dewatering activities, including discharges from dewatering of trenches and excavations, are prohibited unless managed by appropriate controls in accordance with 40 CFR 450.21(c).

Technical Criteria for Regulated Land-Disturbing Activities

A. To protect the quality and quantity of state water from the potential harm of unmanaged stormwater runoff resulting from land-disturbing activities, the S&S Entity shall adhere to the technical criteria for regulated land-disturbing activities set forth in Part V of the Regulation expressly to include 9VAC25-875-580 [water quality design criteria requirements]; 9VAC25-875-590 [water quality compliance]; 9VAC25-875-600 [water quantity]; 9VAC25-875-610 [offsite compliance options]; 9VAC25-875-620 [design storms and hydrologic methods]; 9VAC25-875-630 [stormwater harvesting]; 9VAC25-875-640 [linear development project]; and, 9VAC25-875-650 [stormwater management impoundment structures or facilities], which shall apply to all land-disturbing activities, except as expressly set forth in 9VAC25-875-490.

B. The S&S Entity shall submit documentation that offsite options, approved by the Department or applicable state board, that are required to achieve the necessary phosphorous water quality reductions have been obtained prior to the commencement of the land-disturbing activity (i.e., prior to issuance of the permit). In the case of a phased project, the land disturber may acquire or achieve the offsite nutrient reductions prior to the commencement of each phase of the land-disturbing activity in an amount sufficient for each such phase.

Long-Term Maintenance of Permanent Stormwater Facilities

A. The S&S Entity shall submit a construction record drawing for permanent stormwater management facilities to the VESMP authority based on the locality where the land-disturbing activity will occur. The record drawing shall contain a statement signed by a professional registered in the Commonwealth of Virginia pursuant to Chapter 4 (§ 54.1-400 et seq.) of Title 54.1 of the Code of Virginia, stating that to the best of the professional's knowledge, the construction record drawing shows all adjustments and revisions to the stormwater management plan made during construction and serve as a permanent record of the actual location of all constructed elements.

B. The provision of long-term responsibility for and maintenance of stormwater management facilities and other techniques specified to manage the quality or quantity of runoff is required. Such requirements shall be set forth in a maintenance agreement which is recorded in the local land records prior to permit termination or earlier and shall at a minimum:

1. Be submitted to the VESMP authority for review and approval prior to the approval of the stormwater management plan;

2. Be stated to run with the land;

3. Provide for all necessary access to the property for purposes of maintenance and regulatory inspections;

4. Provide for inspections and maintenance and the submission of inspection and maintenance reports to the VESCP, or VESMP authority; and

5. Be enforceable by all appropriate governmental parties.

(Note: the Department has approved a model stormwater management facility maintenance agreement for use on projects where it is the permitting authority. The model agreement is in Section 10.2.1.1 of the Handbook.)

Project Tracking and Reporting

A. The S&S Entity is responsible for providing project tracking and electronic notifications to the Department of all regulated land-disturbing activities subject to this standards and specifications agreement to comply with the applicable ESC and SWM requirements pursuant to 9VAC25-875-830 D 6.

B. The S&S Entity must electronically notify the Department of any land- disturbing activities subject to approved standards and specifications that the S&S Entity intends to construct in Virginia prior to initiating land disturbance. The following information is required to be included in the electronic notification two weeks prior to initiating the regulated land-disturbing activity:

1. Project name and any associated Construction General Permit number;
2. Project location (including nearest intersection, latitude and longitude, or access point);
3. On-site project manager name and contact information;
4. Responsible Land Disturber (RLD) name and contact information;

5. Project description;
6. Acreage of disturbance for the project;
7. Anticipated project start and finish date; and
8. Any deviations/variances/exemptions/waivers associated with the project.

C. In addition to the prior land disturbance notification described above, the S&S Entity shall submit to the Department bi-annual linear project tracking of all active projects covered under this standards and specifications agreement from the last six months (including those previously reported). This bi-annual linear project tracking must include the acreage for all listed projects and shall be submitted by January 15th and July 15th of each year to the Department.

Monitoring, Inspections, and Enforcement

A. The S&S Entity or its designated inspector shall perform periodic inspections of the land-disturbing activity during construction for:
   1. Compliance with the approved erosion and sediment control plan;
   2. Compliance with the approved stormwater management plan;
   3. Development, updating, and implementation of a pollution prevention plan;
   4. Compliance with these Standards and Specifications.;
   5. Compliance with the permit, if applicable; and
   6. Development and implementation of additional control measures necessary to address a TMDL.

B. Periodic inspections are the responsibility of the S&S Entity and shall be conducted by an Inspector for ESC and Inspector for SWM or a Dual Inspector, as outlined in 9VAC25-875-400.

C. The Department will conduct periodic inspections on all projects during construction, including random inspections and inspections in response to complaints. Where inspections by Department personnel reveal deficiencies in carrying out an approved plan, the Department may take enforcement actions in accordance with the VESMA and related regulations.

AS&S HOLDER GENERAL PERMIT SITE INSPECTION CHECKLIST

(All section references below are to the Construction GP 9VAC25-870-70 effective 7/1/19)

Project Name: Integrated Science Center-Phase 3 Permit Number: 22-105S

Project Address: 1 Avenue of the Arts County/City: Newport News

Project Operator: Christopher Newport University Operator Telephone: 757.594.7867

Operator Address: 1 Avenue of the Arts County/City: Newport News ZIP: 23606

Inspector Name: Steve Vargo Inspection Date: 2023-11-09 Time: 9:15 am

Date of Last Measurable Storm Event: 2023-10-15 Amount (inches) 1.01 Storm Duration (hours) No Data

		Yes	No	N/A
1	Copy of notice of coverage letter posted near main entrance: Part II(C)		X	
2	Information for public access to electronic format or had copy of SWPPP posted near main entrance:		X	
3	Copy of complete SWPPP available onsite: Part II(A)	X		
3a	Signed copy of registration statement: Part II(A)1.a	X		
3b	Copy of permit: Part II(A)1.b	X		
3c	Copy of notice of coverage letter: Part II(A)1.c		X	
3d	Narrative description of the nature of construction activity: Part II(A)1.d	X		
3e	Legible site plan: Part II(A)1.e	X		
3f	Approved ESC plan or ESC plan developed in accordance with department approved annual standards and specifications: Part II(A)3	X		
3g	Approved SWM plan or SWM plan developed in accordance with department approved annual standards and specifications: Part II(A)4	X		
3h	Pollution prevention plan: Part II(A)4	X		
3i	Requirements for discharges to impaired waters, surface waters with an applicable TMDL, exceptional waters: Part II(A)5	X		
3j	Contact information for qualified personnel conducting inspections: Part II(A)6		X	
3k	SWPPP signed in accordance with Part III K: Part II(A)8		X	
4	SWPPP is being amended, modified and updated: Part (B)	X		
4a	SWPPP clearly identifies the contractor(s) that will implement and maintain each control measure identified in SWPPP: Part II(B)3		X	
4b	Record dates when major grading activities occurred: Part II(B)4.a(1)	X		
4c	SWPPP amendments, modifications, or updates singed in accordance with Part III K: Part II(B)5	X		
5	SWPPP inspections carried out: Part II(F)	X		
5a	Inspections conducted at required frequency: Part II(F)2	X		
5b	Inspection reports summarize findings of inspections including corrective actions: Part II(F)4.a-i	X		
5c	Inspection reports have date and signature of qualified personnel conducting inspections and the operator or authorized representative: Part II(F)4.j	X		
5d	Inspection reports retained as part of SWPPP: Part II(F)4	X		
6	Erosion and sediment controls implemented: Part II(A)2.c	X		
6a	Volume and velocity of stormwater runoff controlled within site to minimize erosion: Part IIIIII(A)2.c(1)	X		
6b	Stormwater discharges, including peak flow rates and total stormwater volume controlled to minimize erosion at outlets and to minimize downstream channel and stream bank erosion: Part II(A)2.c(2)			X
6c	Soil exposed during construction activity minimized: Part II(A)2.c(3)	X		
6d	Disturbance of steep slopes minimized: Part II(A)2.c(4)			X
6e	Natural buffers around surface waters provided and maintained, stormwater directed to vegetated areas to increase sediment removal, and maximizes stormwater infiltration: Part II(A)2.c(6)			X
6f	Soil compaction minimized and topsoil preserved: Part II(A)2.c(7)			X
6g	Stabilization of disturbed areas initiated immediately whenever any clearing, grading, or excavating, or other land-disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for more than 14 days: Part II(A)2.c(8)	X		

6h	Outlet structures utilized that withdraw stormwater from the surface when discharging from sediment basins or sediment traps: Part II(A)2.c(9)			X
7	Pollution prevention plan implemented: Part II(A)4	X		
7a	Prevent and respond to leaks, spills and other releases including (i) procedures for expeditiously stopping, containing, and cleaning up spills, leaks, and other releases; and (ii) procedures for reporting leaks, spills, and other releases: Part II(A)4.e(1)	X		
7b	Prevent discharge of spilled and leaked fuels and chemicals from vehicle fueling and maintenance activities (e.g. providing secondary containment such as spill berms, decks, spill containment pallets, providing cover where appropriate, and having spill kits readily available: Part II(A)4.e(2)	X		
7c	Prevent discharge of soaps, solvents, detergents, and wash water from construction materials, including clean-up of stucco, paint, form release oils, and curing compounds: Part II(A)4.e(3)	X		
7d	Minimize discharge of pollutants from vehicle and equipment washing, wheel wash water and other types of washing: Part II(A)4.e(4)			X
7e	Direct concrete wash water into a leak proof container or leak proof settling basin: Part II(A)4.e(5)			X
7f	Minimize discharge of pollutants from storage, handling, and disposal of construction products, materials and wastes: Part II(A)4.e(6)	X		
7g	Prevent discharge of fuels, oils, and other petroleum products, hazardous or toxic wastes, and sanitary wastes: Part II(A)4.e(7)	X		
7h	Address any other discharge from the potential pollutant-generating activities not addressed above: Part II(A)4.e(8)			X
8	Appears to be impact(s) to receiving waters: Part I(B)6, Part I(D), or Part II(A)2c(2) or (5)		X	

VSMP CONSTRUCTION GP SITE INSPECTION CHECKLIST

Project Name: Integrated Science Center-Phase 3 Permit Number: 22-105S

Project Address: 1 Avenue of the Arts County/City: Newport News

Inspector Name: Steve Vargo Inspection Date: 2023-11-09 Time: 9:15 am

STAGE OF CONSTRUCTION

Pre-Construction Conference		*Building Construction*		*Construction of SWM Facilities*	
Clearing & Grading	X	*Finish Grading*		*Maintenance of SWM Facilities*	
Rough Grading	X	*Final Stabilization*		*Other:*	

#	*State Regulation*[1]			*Description and Location of Condition Observed*[2]*, Recommended Corrective Actions, and Other Comments*
		Initial	*Repeat*	
1/2	9VAC25-880-70 II(D)	X		Post copy of VAR-10 coverage letter near site entrance.
3c	9VAC25-880-70 II(B)1.b	X		Post copy of VAR-10 coverage letter in the SWPPP binder.
4a	9VAC25-880-70 II(B)4.d	X		Identify contractors, in the binder, responsible for maintaining pollution prevention practices.
3j	9VAC25-880-70 II(B)8	X		Contact information needed for qualified persons conducting inspections.
3k	9VAC25-880-70 II(B)10	X		SWPPP needs to be signed in accordance with Part III(K) of VAR-10.

1 - Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), the General Permit for Discharges of Stormwater from Construction Activities (9VAC25-880), or the Virginia Stormwater Management Program Regulations (9VAC25-870).

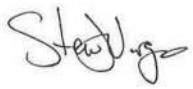
2 – Note whether or not off-site impacts resulting from the condition observed was evident during the inspection.

Recommended Corrective Action Deadline: 2023-12-12

Targeted Reinspection Date: ±2 weeks 2023-12-13

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

Certified Inspector Name/Number: Steve Vargo DIN 1592

Signature:  Date: 2023-11-27

AS&S HOLDER GENERAL PERMIT SITE INSPECTION CHECKLIST

(All section references below are to the Construction GP 9VAC25-870-70 effective 7/1/19)

Project Name: Integrated Science Center-Phase 3 Permit Number: 22-105S

Project Address: 1 Avenue of the Arts County/City: Newport News

Project Operator: Christopher Newport University Operator Telephone: 757.594.7867

Operator Address: 1 Avenue of the Arts County/City: Newport News ZIP: 23606

Inspector Name: Steve Vargo Inspection Date: 2023-12-13 Time: 12:15 pm

Date of Last Measurable Storm Event: 2023-12-11 Amount (inches) 0.97 Storm Duration (hours) No Data

		Yes	No	N/A
1	Copy of notice of coverage letter posted near main entrance: Part II(C)		X	
2	Information for public access to electronic format or had copy of SWPPP posted near main entrance:	X		
3	Copy of complete SWPPP available onsite: Part II(A)	X		
3a	Signed copy of registration statement: Part II(A)1.a	X		
3b	Copy of permit: Part II(A)1.b	X		
3c	Copy of notice of coverage letter: Part II(A)1.c		X	
3d	Narrative description of the nature of construction activity: Part II(A)1.d	X		
3e	Legible site plan: Part II(A)1.e	X		
3f	Approved ESC plan or ESC plan developed in accordance with department approved annual standards and specifications: Part II(A)3	X		
3g	Approved SWM plan or SWM plan developed in accordance with department approved annual standards and specifications: Part II(A)4	X		
3h	Pollution prevention plan: Part II(A)4	X		
3i	Requirements for discharges to impaired waters, surface waters with an applicable TMDL, exceptional waters: Part II(A)5	X		
3j	Contact information for qualified personnel conducting inspections: Part II(A)6	X		
3k	SWPPP signed in accordance with Part III K: Part II(A)8		X	
4	SWPPP is being amended, modified and updated: Part (B)	X		
4a	SWPPP clearly identifies the contractor(s) that will implement and maintain each control measure identified in SWPPP: Part II(B)3	X		
4b	Record dates when major grading activities occurred: Part II(B)4.a(1)	X		
4c	SWPPP amendments, modifications, or updates singed in accordance with Part III K: Part II(B)5	X		
5	SWPPP inspections carried out: Part II(F)	X		
5a	Inspections conducted at required frequency: Part II(F)2	X		
5b	Inspection reports summarize findings of inspections including corrective actions: Part II(F)4.a-i	X		
5c	Inspection reports have date and signature of qualified personnel conducting inspections and the operator or authorized representative: Part II(F)4.j	X		
5d	Inspection reports retained as part of SWPPP: Part II(F)4	X		
6	Erosion and sediment controls implemented: Part II(A)2.c	X		
6a	Volume and velocity of stormwater runoff controlled within site to minimize erosion: Part IIIIII(A)2.c(1)	X		
6b	Stormwater discharges, including peak flow rates and total stormwater volume controlled to minimize erosion at outlets and to minimize downstream channel and stream bank erosion: Part II(A)2.c(2)			X
6c	Soil exposed during construction activity minimized: Part II(A)2.c(3)	X		
6d	Disturbance of steep slopes minimized: Part II(A)2.c(4)			X
6e	Natural buffers around surface waters provided and maintained, stormwater directed to vegetated areas to increase sediment removal, and maximizes stormwater infiltration: Part II(A)2.c(6)			X
6f	Soil compaction minimized and topsoil preserved: Part II(A)2.c(7)			X
6g	Stabilization of disturbed areas initiated immediately whenever any clearing, grading, or excavating, or other land-disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for more than 14 days: Part II(A)2.c(8)	X		

6h	Outlet structures utilized that withdraw stormwater from the surface when discharging from sediment basins or sediment traps: Part II(A)2.c(9)			X
7	Pollution prevention plan implemented: Part II(A)4	X		
7a	Prevent and respond to leaks, spills and other releases including (i) procedures for expeditiously stopping, containing, and cleaning up spills, leaks, and other releases; and (ii) procedures for reporting leaks, spills, and other releases: Part II(A)4.e(1)	X		
7b	Prevent discharge of spilled and leaked fuels and chemicals from vehicle fueling and maintenance activities (e.g. providing secondary containment such as spill berms, decks, spill containment pallets, providing cover where appropriate, and having spill kits readily available: Part II(A)4.e(2)	X		
7c	Prevent discharge of soaps, solvents, detergents, and wash water from construction materials, including clean-up of stucco, paint, form release oils, and curing compounds: Part II(A)4.e(3)	X		
7d	Minimize discharge of pollutants from vehicle and equipment washing, wheel wash water and other types of washing: Part II(A)4.e(4)			X
7e	Direct concrete wash water into a leak proof container or leak proof settling basin: Part II(A)4.e(5)			X
7f	Minimize discharge of pollutants from storage, handling, and disposal of construction products, materials and wastes: Part II(A)4.e(6)	X		
7g	Prevent discharge of fuels, oils, and other petroleum products, hazardous or toxic wastes, and sanitary wastes: Part II(A)4.e(7)	X		
7h	Address any other discharge from the potential pollutant-generating activities not addressed above: Part II(A)4.e(8)			X
8	Appears to be impact(s) to receiving waters: Part I(B)6, Part I(D), or Part II(A)2c(2) or (5)		X	

VSMP CONSTRUCTION GP SITE INSPECTION CHECKLIST

Project Name: Integrated Science Center-Phase 3 Permit Number: 22-105S

Project Address: 1 Avenue of the Arts County/City: Newport News

Inspector Name: Steve Vargo Inspection Date: 2023-12-13 Time: 12:15 pm

STAGE OF CONSTRUCTION

Pre-Construction Conference		*Building Construction*		*Construction of SWM Facilities*	
Clearing & Grading	X	*Finish Grading*		*Maintenance of SWM Facilities*	
Rough Grading	X	*Final Stabilization*		*Other:*	

#	*State Regulation*[1]			*Description and Location of Condition Observed*[2]*, Recommended Corrective Actions, and Other Comments*
		Initial	*Repeat*	
1/2	9VAC25-880-70 II(D)		X	Post copy of VAR-10 coverage letter near site entrance.
3c	9VAC25-880-70 II(B)1.b		X	Post copy of VAR-10 coverage letter in the SWPPP binder.
3k	9VAC25-880-70 II(B)10		X	SWPPP needs to be signed in accordance with Part III(K) of VAR-10. (Owner signatures needed.)
6	9VAC25-880-70 II(F)	X		Repair silt fence and inlet protection as discussed during the inspection.

1 - Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), the General Permit for Discharges of Stormwater from Construction Activities (9VAC25-880), or the Virginia Stormwater Management Program Regulations (9VAC25-870).

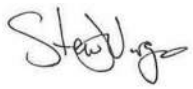
2 – Note whether or not off-site impacts resulting from the condition observed was evident during the inspection.

Recommended Corrective Action Deadline: 2024-01-10

Targeted Reinspection Date: ±2 weeks 2024-01-15

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

Certified Inspector Name/Number: Steve Vargo DIN 1592

Signature:  Date: 2023-12-13

AS&S HOLDER GENERAL PERMIT SITE INSPECTION CHECKLIST

(All section references below are to the Construction GP 9VAC25-870-70 effective 7/1/19)

Project Name: Integrated Science Center-Phase 3 Permit Number: 22-105S

Project Address: 1 Avenue of the Arts County/City: Newport News

Project Operator: Christopher Newport University Operator Telephone: 757.594.7867

Operator Address: 1 Avenue of the Arts County/City: Newport News ZIP: 23606

Inspector Name: Steve Vargo Inspection Date: 2024-01-18 Time: 12:00 pm

Date of Last Measurable Storm Event: 2024-01-16 Amount (inches) 0.21 Storm Duration (hours) No Data

		Yes	No	N/A
1	Copy of notice of coverage letter posted near main entrance: Part II(C)		X	
2	Information for public access to electronic format or had copy of SWPPP posted near main entrance:	X		
3	Copy of complete SWPPP available onsite: Part II(A)	X		
3a	Signed copy of registration statement: Part II(A)1.a	X		
3b	Copy of permit: Part II(A)1.b	X		
3c	Copy of notice of coverage letter: Part II(A)1.c		X	
3d	Narrative description of the nature of construction activity: Part II(A)1.d	X		
3e	Legible site plan: Part II(A)1.e	X		
3f	Approved ESC plan or ESC plan developed in accordance with department approved annual standards and specifications: Part II(A)3	X		
3g	Approved SWM plan or SWM plan developed in accordance with department approved annual standards and specifications: Part II(A)4	X		
3h	Pollution prevention plan: Part II(A)4	X		
3i	Requirements for discharges to impaired waters, surface waters with an applicable TMDL, exceptional waters: Part II(A)5	X		
3j	Contact information for qualified personnel conducting inspections: Part II(A)6	X		
3k	SWPPP signed in accordance with Part III K: Part II(A)8	X		
4	SWPPP is being amended, modified and updated: Part (B)	X		
4a	SWPPP clearly identifies the contractor(s) that will implement and maintain each control measure identified in SWPPP: Part II(B)3	X		
4b	Record dates when major grading activities occurred: Part II(B)4.a(1)	X		
4c	SWPPP amendments, modifications, or updates singed in accordance with Part III K: Part II(B)5	X		
5	SWPPP inspections carried out: Part II(F)	X		
5a	Inspections conducted at required frequency: Part II(F)2	X		
5b	Inspection reports summarize findings of inspections including corrective actions: Part II(F)4.a-i	X		
5c	Inspection reports have date and signature of qualified personnel conducting inspections and the operator or authorized representative: Part II(F)4.j	X		
5d	Inspection reports retained as part of SWPPP: Part II(F)4	X		
6	Erosion and sediment controls implemented: Part II(A)2.c	X		
6a	Volume and velocity of stormwater runoff controlled within site to minimize erosion: Part IIIIII(A)2.c(1)	X		
6b	Stormwater discharges, including peak flow rates and total stormwater volume controlled to minimize erosion at outlets and to minimize downstream channel and stream bank erosion: Part II(A)2.c(2)			X
6c	Soil exposed during construction activity minimized: Part II(A)2.c(3)	X		
6d	Disturbance of steep slopes minimized: Part II(A)2.c(4)			X
6e	Natural buffers around surface waters provided and maintained, stormwater directed to vegetated areas to increase sediment removal, and maximizes stormwater infiltration: Part II(A)2.c(6)			X
6f	Soil compaction minimized and topsoil preserved: Part II(A)2.c(7)			X
6g	Stabilization of disturbed areas initiated immediately whenever any clearing, grading, or excavating, or other land-disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for more than 14 days: Part II(A)2.c(8)	X		

6h	Outlet structures utilized that withdraw stormwater from the surface when discharging from sediment basins or sediment traps: Part II(A)2.c(9)			X
7	Pollution prevention plan implemented: Part II(A)4	X		
7a	Prevent and respond to leaks, spills and other releases including (i) procedures for expeditiously stopping, containing, and cleaning up spills, leaks, and other releases; and (ii) procedures for reporting leaks, spills, and other releases: Part II(A)4.e(1)	X		
7b	Prevent discharge of spilled and leaked fuels and chemicals from vehicle fueling and maintenance activities (e.g. providing secondary containment such as spill berms, decks, spill containment pallets, providing cover where appropriate, and having spill kits readily available: Part II(A)4.e(2)	X		
7c	Prevent discharge of soaps, solvents, detergents, and wash water from construction materials, including clean-up of stucco, paint, form release oils, and curing compounds: Part II(A)4.e(3)	X		
7d	Minimize discharge of pollutants from vehicle and equipment washing, wheel wash water and other types of washing: Part II(A)4.e(4)			X
7e	Direct concrete wash water into a leak proof container or leak proof settling basin: Part II(A)4.e(5)	X		
7f	Minimize discharge of pollutants from storage, handling, and disposal of construction products, materials and wastes: Part II(A)4.e(6)	X		
7g	Prevent discharge of fuels, oils, and other petroleum products, hazardous or toxic wastes, and sanitary wastes: Part II(A)4.e(7)	X		
7h	Address any other discharge from the potential pollutant-generating activities not addressed above: Part II(A)4.e(8)			X
8	Appears to be impact(s) to receiving waters: Part I(B)6, Part I(D), or Part II(A)2c(2) or (5)		X	

VSMP CONSTRUCTION GP SITE INSPECTION CHECKLIST

Project Name: Integrated Science Center-Phase 3 Permit Number: 22-105S

Project Address: 1 Avenue of the Arts County/City: Newport News

Inspector Name: Steve Vargo Inspection Date: 2024-01-18 Time: 12:00 pm

STAGE OF CONSTRUCTION

Pre-Construction Conference		*Building Construction*	X	*Construction of SWM Facilities*	
Clearing & Grading	X	*Finish Grading*		*Maintenance of SWM Facilities*	
Rough Grading	X	*Final Stabilization*		*Other:*	

#	*State Regulation*[1]			*Description and Location of Condition Observed*[2]*, Recommended Corrective Actions, and Other Comments*
		Initial	*Repeat*	
1/2	9VAC25-880-70 II(D)		X	Post copy of VAR-10 coverage letter near site entrance once received from DEQ.
3c	9VAC25-880-70 II(B)1.b		X	Post copy of VAR-10 coverage letter in the SWPPP binder once received from DEQ.
				WT site team is actively working with DEQ to obtain the VAR-10 Coverage Letter.

1 - Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), the General Permit for Discharges of Stormwater from Construction Activities (9VAC25-880), or the Virginia Stormwater Management Program Regulations (9VAC25-870).

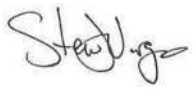
2 – Note whether or not off-site impacts resulting from the condition observed was evident during the inspection.

Recommended Corrective Action Deadline: 2024-02-19

Targeted Reinspection Date: ±2 weeks 2024-02-19

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

Certified Inspector Name/Number: Steve Vargo DIN 1592

Signature:  Date: 2024-01-18

AS&S HOLDER GENERAL PERMIT SITE INSPECTION CHECKLIST

(All section references below are to the Construction GP 9VAC25-870-70 effective 7/1/19)

Project Name: Integrated Science Center-Phase 3 Permit Number: 22-105S

Project Address: 1 Avenue of the Arts County/City: Newport News

Project Operator: Christopher Newport University Operator Telephone: 757.594.7867

Operator Address: 1 Avenue of the Arts County/City: Newport News ZIP: 23606

Inspector Name: Steve Vargo Inspection Date: 2024-01-18 Time: 10:00 am

Date of Last Measurable Storm Event: 2024-04-04 Amount (inches) 0.32 Storm Duration (hours) No Data

		Yes	No	N/A
1	Copy of notice of coverage letter posted near main entrance: Part II(C)		X	
2	Information for public access to electronic format or had copy of SWPPP posted near main entrance:	X		
3	Copy of complete SWPPP available onsite: Part II(A)	X		
3a	Signed copy of registration statement: Part II(A)1.a	X		
3b	Copy of permit: Part II(A)1.b	X		
3c	Copy of notice of coverage letter: Part II(A)1.c		X	
3d	Narrative description of the nature of construction activity: Part II(A)1.d	X		
3e	Legible site plan: Part II(A)1.e	X		
3f	Approved ESC plan or ESC plan developed in accordance with department approved annual standards and specifications: Part II(A)3	X		
3g	Approved SWM plan or SWM plan developed in accordance with department approved annual standards and specifications: Part II(A)4	X		
3h	Pollution prevention plan: Part II(A)4	X		
3i	Requirements for discharges to impaired waters, surface waters with an applicable TMDL, exceptional waters: Part II(A)5	X		
3j	Contact information for qualified personnel conducting inspections: Part II(A)6	X		
3k	SWPPP signed in accordance with Part III K: Part II(A)8	X		
4	SWPPP is being amended, modified and updated: Part (B)	X		
4a	SWPPP clearly identifies the contractor(s) that will implement and maintain each control measure identified in SWPPP: Part II(B)3	X		
4b	Record dates when major grading activities occurred: Part II(B)4.a(1)	X		
4c	SWPPP amendments, modifications, or updates singed in accordance with Part III K: Part II(B)5	X		
5	SWPPP inspections carried out: Part II(F)	X		
5a	Inspections conducted at required frequency: Part II(F)2	X		
5b	Inspection reports summarize findings of inspections including corrective actions: Part II(F)4.a-i	X		
5c	Inspection reports have date and signature of qualified personnel conducting inspections and the operator or authorized representative: Part II(F)4.j	X		
5d	Inspection reports retained as part of SWPPP: Part II(F)4	X		
6	Erosion and sediment controls implemented: Part II(A)2.c	X		
6a	Volume and velocity of stormwater runoff controlled within site to minimize erosion: Part IIIIII(A)2.c(1)	X		
6b	Stormwater discharges, including peak flow rates and total stormwater volume controlled to minimize erosion at outlets and to minimize downstream channel and stream bank erosion: Part II(A)2.c(2)			X
6c	Soil exposed during construction activity minimized: Part II(A)2.c(3)	X		
6d	Disturbance of steep slopes minimized: Part II(A)2.c(4)			X
6e	Natural buffers around surface waters provided and maintained, stormwater directed to vegetated areas to increase sediment removal, and maximizes stormwater infiltration: Part II(A)2.c(6)			X
6f	Soil compaction minimized and topsoil preserved: Part II(A)2.c(7)			X
6g	Stabilization of disturbed areas initiated immediately whenever any clearing, grading, or excavating, or other land-disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for more than 14 days: Part II(A)2.c(8)	X		

6h	Outlet structures utilized that withdraw stormwater from the surface when discharging from sediment basins or sediment traps: Part II(A)2.c(9)			X
7	Pollution prevention plan implemented: Part II(A)4	X		
7a	Prevent and respond to leaks, spills and other releases including (i) procedures for expeditiously stopping, containing, and cleaning up spills, leaks, and other releases; and (ii) procedures for reporting leaks, spills, and other releases: Part II(A)4.e(1)	X		
7b	Prevent discharge of spilled and leaked fuels and chemicals from vehicle fueling and maintenance activities (e.g. providing secondary containment such as spill berms, decks, spill containment pallets, providing cover where appropriate, and having spill kits readily available: Part II(A)4.e(2)	X		
7c	Prevent discharge of soaps, solvents, detergents, and wash water from construction materials, including clean-up of stucco, paint, form release oils, and curing compounds: Part II(A)4.e(3)	X		
7d	Minimize discharge of pollutants from vehicle and equipment washing, wheel wash water and other types of washing: Part II(A)4.e(4)			X
7e	Direct concrete wash water into a leak proof container or leak proof settling basin: Part II(A)4.e(5)	X		
7f	Minimize discharge of pollutants from storage, handling, and disposal of construction products, materials and wastes: Part II(A)4.e(6)	X		
7g	Prevent discharge of fuels, oils, and other petroleum products, hazardous or toxic wastes, and sanitary wastes: Part II(A)4.e(7)	X		
7h	Address any other discharge from the potential pollutant-generating activities not addressed above: Part II(A)4.e(8)			X
8	Appears to be impact(s) to receiving waters: Part I(B)6, Part I(D), or Part II(A)2c(2) or (5)		X	

VSMP CONSTRUCTION GP SITE INSPECTION CHECKLIST

Project Name: Integrated Science Center-Phase 3 Permit Number: 22-105S

Project Address: 1 Avenue of the Arts County/City: Newport News

Inspector Name: Steve Vargo Inspection Date: 2024-04-10 Time: 10:00 am

STAGE OF CONSTRUCTION

Pre-Construction Conference		*Building Construction*	X	*Construction of SWM Facilities*	
Clearing & Grading	X	*Finish Grading*		*Maintenance of SWM Facilities*	
Rough Grading	X	*Final Stabilization*		*Other:*	

#	*State Regulation*[1]			*Description and Location of Condition Observed*[2]*, Recommended Corrective Actions, and Other Comments*
		Initial	*Repeat*	
1/2	9VAC25-880-70 II(D)		X	Post copy of VAR-10 coverage letter near site entrance once received from DEQ.
3c	9VAC25-880-70 II(B)1.b		X	Post copy of VAR-10 coverage letter in the SWPPP binder once received from DEQ.
				WT site team is actively working with DEQ to obtain the VAR-10 Coverage Letter.

1 - Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), the General Permit for Discharges of Stormwater from Construction Activities (9VAC25-880), or the Virginia Stormwater Management Program Regulations (9VAC25-870).

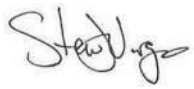
2 – Note whether or not off-site impacts resulting from the condition observed was evident during the inspection.

Recommended Corrective Action Deadline: 2024-05-10

Targeted Reinspection Date: ±2 weeks 2024-05-10

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

Certified Inspector Name/Number: Steve Vargo DIN 1592

Signature:  Date: 2024-04-22

Appendix E MINIMUM CONTROL MEASURE 5 (MCM5) SUPPLEMENTAL INFORMATION

BMP #2

9-C.16.0. EXTENDED DETENTION PONDS: O&M CHECKLIST

Inspection Date 6/13/2024
Project _____ **Site Plan/Permit Number** _____
Location James River Hall **Date BMP Placed in Service** _____
Date of Last Inspection 6/26/2023 **Inspector** Jessica Slagle + Megan Foreman
Owner/Owner's Representative _____
As-Built Plans available: Y / N

Facility Type: Level 1 _____ Level 2 _____

Pond characteristics and functions (check all that apply)
- ☑ Water quality treatment
- ☐ Channel protection
- ☐ Ties into groundwater

Hydraulic Configuration:
- ☑ On-line facility
- ☐ Off-line facility

Type of Pre-Treatment Facility:
- ☐ Sediment forebay (above ground)
- ☐ Vegetated buffer area
- ☐ Grass filter strip
- ☑ Grass channel
- ☐ Other: _____

Ideally, Extended Detention Ponds should be inspected annually. ED Ponds are prone to a high clogging risk at the ED low-flow orifice. Ideally, the orifice should be inspected at least twice a year after initial construction. The constantly changing water levels in ED Ponds make it difficult to mow or manage vegetative growth. The bottom of ED Ponds often become soggy, and water-loving tees such as willows may invade and will need to be managed. Periodic mowing of the stormwater buffer is only required along maintenance rights-of-way and the embankment. The remaining buffer may be managed as a meadow (mowing every other year) or forest. Frequent removal of sediment from the forebay (every 5-7 years, or when 50% of the forebay capacity is filled) is essential to maintain the function and performance of the ED Pond. Sediments excavated from ED Ponds are usually not considered toxic or hazardous, so they can be safely disposed of either by land application of land filling.

Element of BMP	Potential Problem	Problem? Y / N	Investigate? Y / N	Repaired? Y / N	How to Fix Problem	Who Will Address Problem	Comments
Contributing Drainage Area	Adequate vegetation	N			Supplement as needed.	Owner	
	There is excessive trash and debris	N			Remove immediately.	Owner or professional	
	There is evidence of erosino and/or bare or exposed soil	N			Stabilize immediately.	Owner or professional	
	There is excessive landscape waste and yard clippings	N			Remove immediately.	Owner or professional	
Pre-Treatment	There is adequate access to the pre-treatment facility	N			Establish adequate access	Professional and, perhaps, the locality	
	There is excessive trash and debris	N			Remove immediately.	Owner or professional	
	There is evidence of erosion and/or exposed soil.	N			Immediately identify and correct the cause of the erosion and stabilize the eroded or bare area.	Owner or professional	

Element of BMP	Potential Problem	Problem? Y / N	Investigate? Y / N	Repaired? Y / N	How to Fix Problem	Who Will Address Problem	Comments
Vegetation (continued)	Vegetation is dead or reinforcement planting is needed.	N			Remove and replace dead or dying vegetation.	Professional	
Permanent Pool and Side Slopes	There is excessive trash and/or debris.	N			Remove immediately	Owner or professional	
	There is evidence of sparse vegetative cover, erosion or slumping side slopes.	N			Repair and stabilize physical damage, and reseed or plant additional vegetation.	Owner or professional	
	There is evidence of nuisance animals.	N			Animal burrows must be backfilled and compacted. Burrowing animals should be humanely removed frm area.	Owner or professional	
	There is significant sediment accumulation.	N			Conduct a bathymetric study to determine the impact to design volumes, and dredge if necessary.	Professional	some sediment accumulation
Riser/Principle Spillway and Low-Flow Orifice(s)	There is adequate access to the riser for maintenance.	N			Establish adequate access	Professional and, perhaps, the locality	
	Pieces of the riser are deteriorating, misaligned, broken or missing.	N			Repair immediately.	Professional	
	Adjustable control valves are accessible and operational.	N			Repair, as needed.	Professional	
	Reverse-slope pipes and flashboard risers are in good condition.	N			Repair, as needed.	Professional	
	Seepage into conduit	N			Seal conduit	Professional	
	There is evidence of clogging	N			Clear blockages of the riser or orifice(s) and make other adjustments needed to meet the approved design specs.	Professional	
	There is excessive trash, debris, or other obstructions in the trash rack.	N			Remove immediately.	Owner or professional	some debris in trash rack
Dam/ Embankment and Abutments	There is sparse veg. cover, settlement, cracking, bulging, misalignment, erosion rills deeper than 2 inches, or sloughing.	N			Repair and restabilize immediately, especially after major storms.	Professional	
	There are soft spots, seepage, boggy areas or sinkholes.	N			Reinforce, fill and stabilize immediately.		
	There is evidence of nuisance animals.	N			Animal burrows must be backfilled and compacted. Burrowing animals should be humanely removed from the area.		
	There is woody vegetation on the embankment.	N			Removal of woody species near or on the embankment and maintenance access areas should be done when discovered, but at least every 2 years.		

Element of BMP	Potential Problem	Problem? Y / N	Investigate? Y / N	Repaired? Y / N	How to Fix Problem	Who Will Address Problem	Comments
Overall (continued)	Encroachment on the pond or easement by buildings or other structures	N			Inform involved property owners of BMPs status ; clearly mark the boundaries of the receiving pervious area, as needed	Owner or professional (and perhaps the locality)	
	Safety signage is not adequate.	N			Provide sufficient, legible safety signage.	Owner or professional	

BMP #5

9-C.10.0. BIORETENTION PRACTICES: O&M CHECKLIST

Inspection Date 6/3/2024
Project _____ **Site Plan/Permit Number** _____
Location Parking Lot A **Date BMP Placed in Service** _____
Date of Last Inspection 6/26/2023 **Inspector** Jessica Slagle & Megan Foreman
Owner/Owner's Representative _____
As-Built Plans available: Y / N

Facility Type: Level 1 _____ Level 2 _____

Facility Location:
- ☑ Surface
- ☐ Underground

Hydraulic Configuration:
- ☑ On-line facility
- ☐ Off-line facility

Filtration Media:
- ☐ No filtration (e.g., dry well, permeable pavement, infiltration facility, etc.
- ☑ Sand
- ☑ Bioretention Soil
- ☐ Peat
- ☐ Other: _____

Type of Pre-Treatment Facility:
- ☐ Sediment forebay (above ground)
- ☐ Sedimentation chamber
- ☐ Plunge pool
- ☑ Stone diaphragm
- ☑ Grass filter strip
- ☐ Grass channel
- ☐ Other: _____

Ideally, Bioretention facilities should be inspected and cleaned up annually, peferably during the Spring. During the first 6 months following construction of a bioretention facility, the site should be inspected at least twice after storm events that exceed 1/2-inch of rainfall. Watering is needed once a week during the first 2 months following installation, and then as needed during the first growing season (April-October), depending upon rainfall. If vegetation needs to be replaced, one-time spot fertilization may be needed, preferably using an organic rather than a chemical fertilizer. Each facility should have a customized routine maintenance schedule addressing issues such as the following: grass mowing, weeding, trash removal, .mulch raking and maintenance, erosion repair, reinforcement plantings, tree and shrub pruing, and sediment removal.

Element of BMP	Potential Problem	Problem? Y / N	Investigate? Y / N	Repaired? Y / N	How to fix problem	Who Will Address Problem	Comments
Contributing Drainage Area	Adequate vegetation	N			Supplement as necessary	Owner or professional	
	There is excessive trash and debris	N			Remove immediately	Owner or professional	
	There is evidence of erosion and / or bare or exposed soil	N			Stabilize immediately	Owner or professional	
	There are excessive landscape waste or yard clippings	N			Remove immediately and recycle or compost	Owner or professional	
	Oil, grease or other unauthorized substances are entering the facility	N			Identify and control the source of this pollution. It may be necessary to erect fences, signs, etc	Owner or professional	

Element of BMP	Potential Problem	Problem? Y / N	Investigate? Y / N	Repaired? Y / N	How to fix problem	Who Will Address Problem	Comments
	should be 2-3 inches deep.	N					

Element of BMP	Potential Problem	Problem? Y / N	Investigated? Y / N	Repaired? Y / N	How to fix problem	Who Will Address Problem	Comments
Filter Media (*Annually*) **(continued)**	The filter bed is clogged and/or filled inappropriately	Y			Redistribute the soil substrate and remove sediment within 2 weeks.	Professional	
	The topsoil is in poor condition (e.g., the pH level is not 6-7, the composition is inappropriate, etc.)	N			Ensure a 3-inch surface depth of topsoil consistent with the state design criteria for Bioretention (loamy sand or sandy loam texture, with less than 5% clay content, and organic matter content of at least 2%). If the pH is less than 6.5, spread limestone.	Professional	
Underdrain/ Proper Drainage	The perforated pipe is not conveying water as designed	N			Determine if the pipe is clogged with debris or if woody roots have pierced the pipe. Immediately clean out or replace the pipe, as necessary.	Professional	
	The underlying soil interface is clogged (there is evidence on the surface of soil crusting, standing water, the facility does not dewater between storms, or water ponds on the surface of basin for more than 48 hours after an event).	N			Measure the draw-down rate of the observation well for three days following a storm event in excess of 1/2 inches in depth. .After three days, if there is standing water on top but not in the underdrain, this indicates a clogged soil layer. If standing water is both on the surface and in the underdrain, then the underdrain is probably clogged. This should be promptly investigated and remediated to restore proper filtration. Grading changes may be needed or underdrain repairs made. The filter media may need to be raked, excavated and cleaned or replaced to correct the problem. Holes that are not consistent with the design and allow water to flow directly through a planter to the ground must be plugged.	Professional	
Planters	The planter is unable to receive or detain stormwater prior to infiltration. Water does not drain from the reservoir within 3-4 hours of after a storm event.	N			Identify and correct sources of clogging. Topsoil and sand/peat layer may need to be amended with sand or replaced all together.	Owner or professional	
	The planter has structural deficiencies, including rot, cracks, and failure, or the planter is unable to contain the filter media or vegetation	N			Make needed repairs immediately.	Owner or professional	
Outlet/ Overflow Spillway	Outlets are obstructed or erosion and soil exposure is evident below the outlet.	N			Remove obstructions and stabilize eroded or exposed areas.	Owner or Professional	

BMP #6

9-C.10.0. BIORETENTION PRACTICES: O&M CHECKLIST

Inspection Date 6/3/2024
Project
Location Turf Field Replacement
Site Plan/Permit Number
Date BMP Placed in Service
Date of Last Inspection 6/26/2023 **Inspector** Jessica Slagle & Megan Foreman
Owner/Owner's Representative
As-Built Plans available: Y / N

Facility Type: Level 1 _____ Level 2 _____

Facility Location:
- ☑ Surface
- ☐ Underground

Hydraulic Configuration:
- ☑ On-line facility
- ☐ Off-line facility

Filtration Media:
- ☐ No filtration (e.g., dry well, permeable pavement, infiltration facility, etc.
- ☐ Sand
- ☑ Bioretention Soil
- ☐ Peat
- ☐ Other: _____

Type of Pre-Treatment Facility:
- ☐ Sediment forebay (above ground)
- ☐ Sedimentation chamber
- ☑ Plunge pool
- ☐ Stone diaphragm
- ☑ Grass filter strip
- ☐ Grass channel
- ☑ Other: energy dissipation bowl

Ideally, Bioretention facilities should be inspected and cleaned up annually, peferably during the Spring. During the first 6 months following construction of a bioretention facility, the site should be inspected at least twice after storm events that exceed 1/2-inch of rainfall. Watering is needed once a week during the first 2 months following installation, and then as needed during the first growing season (April-October), depending upon rainfall. If vegetation needs to be replaced, one-time spot fertilization may be needed, preferably using an organic rather than a chemical fertilizer. Each facility should have a customized routine maintenance schedule addressing issues such as the following: grass mowing, weeding, trash removal, .mulch raking and maintenance, erosion repair, reinforcement plantings, tree and shrub pruing, and sediment removal.

Element of BMP	Potential Problem	Problem? Y / N	Investigate? Y / N	Repaired? Y / N	How to fix problem	Who Will Address Problem	Comments
Contributing Drainage Area	Adequate vegetation	N			Supplement as necessary	Owner or professional	
	There is excessive trash and debris	N			Remove immediately	Owner or professional	
	There is evidence of erosion and / or bare or exposed soil	N			Stabilize immediately	Owner or professional	
	There are excessive landscape waste or yard clippings	N			Remove immediately and recycle or compost	Owner or professional	
	Oil, grease or other unauthorized substances are entering the facility	N			Identify and control the source of this pollution. It may be necessary to erect fences, signs, etc	Owner or professional	

Element of BMP	Potential Problem	Problem? Y / N	Investigate? Y / N	Repaired? Y / N	How to fix problem	Who Will Address Problem	Comments
	should be 2-3 inches deep.	N					

Element of BMP	Potential Problem	Problem? Y / N	Investigate? Y / N	Repaired? Y / N	How to fix problem	Who Will Address Problem	Comments
Filter Media (*Annually*) **(continued)**	The filter bed is clogged and/or filled inappropriately	N			Redistribute the soil substrate and remove sediment within 2 weeks.	Professional	
	The topsoil is in poor condition (e.g., the pH level is not 6-7, the composition is inappropriate, etc.)	N			Ensure a 3-inch surface depth of topsoil consistent with the state design criteria for Bioretention (loamy sand or sandy loam texture, with less than 5% clay content, and organic matter content of at least 2%). If the pH is less than 6.5, spread limestone.	Professional	
Underdrain/ Proper Drainage	The perforated pipe is not conveying water as designed	N			Determine if the pipe is clogged with debris or if woody roots have pierced the pipe. Immediately clean out or replace the pipe, as necessary.	Professional	
	The underlying soil interface is clogged (there is evidence on the surface of soil crusting, standing water, the facility does not dewater between storms, or water ponds on the surface of basin for more than 48 hours after an event).	N			Measure the draw-down rate of the observation well for three days following a storm event in excess of 1/2 inches in depth. .After three days, if there is standing water on top but not in the underdrain, this indicates a clogged soil layer. If standing water is both on the surface and in the underdrain, then the underdrain is probably clogged. This should be promptly investigated and remediated to restore proper filtration. Grading changes may be needed or underdrain repairs made. The filter media may need to be raked, excavated and cleaned or replaced to correct the problem. Holes that are not consistent with the design and allow water to flow directly through a planter to the ground must be plugged.	Professional	
Planters	The planter is unable to receive or detain stormwater prior to infiltration. Water does not drain from the reservoir within 3-4 hours of after a storm event.	N			Identify and correct sources of clogging. Topsoil and sand/peat layer may need to be amended with sand or replaced all together.	Owner or professional	
	The planter has structural deficiencies, including rot, cracks, and failure, or the planter is unable to contain the filter media or vegetation	N			Make needed repairs immediately.	Owner or professional	
Outlet/ Overflow Spillway	Outlets are obstructed or erosion and soil exposure is evident below the outlet.	N			Remove obstructions and stabilize eroded or exposed areas.	Owner or Professional	

BMP #7

9-C.9.0. INFILTRATION PRACTICES: O&M CHECKLIST

Inspection Date 6/3/2024
Project
Location Ferguson Center for Arts
Site Plan/Permit Number
Date BMP Placed in Service
Date of Last Inspection 6/26/2023 **Inspector** Jessica Slagle + Megan Foreman
Owner/Owner's Representative
As-Built Plans available: Y / N

Facility Type: Level 1 propietary : contech stormkeep Level 2

Facility Location:
- ☐ Surface
- ☑ Underground

Hydraulic Configuration:
- ☐ On-line facility
- ☑ Off-line facility

Filtration Media:
- ☑ No filtration (e.g., dry well, permeable pavement, infiltration facility, etc.
- ☐ Sand
- ☐ Bioretention Soil
- ☐ Peat
- ☐ Other:

Type of Pre-Treatment Facility:
- ☐ Sediment forebay (above ground)
- ☑ Sedimentation chamber
- ☐ Plunge pool
- ☐ Stone diaphragm
- ☐ Grass filter strip
- ☐ Grass channel
- ☐ Other:

Ideally, infiltration facilities should be inspected annually. Spill Prevention measures should be used around infiltration facilities when handling substances that contaminate stormwater. Releases of pollutants should be corrected as soon as identified.

Element of BMP	Potential Problem	Problem? Y / N	Investigate? Y / N	Repaired? Y / N	How to Fix Problem	Who Will Address Problem	Comments
Contributing Drainage Area	There is excessive trash and debris	N			Remove immediately	Owner or professional	
	There is evidence of erosion and / or exposed soil	N			Stabilize immediately	Owner or professional	
	Vegetative cover is adequate	N			Supplement as needed	Owner or professional	
	There are excessive landscape waste or yard clippings	N			Remove immediately and recycle or compost	Owner or professional	
Pre-Treatment Facility	There is adequate access to the pre-treatment facility	N			Establish adequate access	Professional and, perhaps, the locality	
	There is excessive trash, debris, or sediment.	N			Remove immediately	Owner or professional	

Element of BMP	Potential Problem	Problem? Y / N	Investigate? Y / N	Repaired? Y / N	How to Fix Problem	Who Will Address Problem	Comments
Vegetation	Grass within the practice is overgrown	N			Grass must be mowed to a height of 4"-9" and grass clippings removed (ideally recycled or composted).	Owner or professional	
	Pioneer trees are sprouting in the base of the facility	N			Remove trees to prevent roots from puncturing the filter fabric, allowing sediment to enter		
	Vegetation forms an overhead canopy that may drop leaf litter, fruit and other vegetative materials that may cause clogging.	N			Prune or remove vegetation as necessary	Owner or professional	
Observation Well	Is each observation well still capped?	N			Repair, as necessary.	Professional	
Outlet	Outlets are obstructed or erosion and soil exposure is evident below the outlet.	N			Remove obstructions and stabilize eroded or exposed areas.	Owner or Professional	
	Evidence of flow bypassing facility	N			Repair immediately	Professional	
	There is excessive trash, debris, or sediment at the outlet	N			Remove immediately	Owner or professional	
Overflow or Emergency Spillway	The pipe or spillway is not effectively conveying excess water to an adequate receiving system	N			Clear sediment and debris whenever 25% or more of the conveyance capacity is blocked. When damaged pipe is discovered, it must be repaired or replaced immediately. Identify and control sources of erosion damage. Replace or reinforce stone armament whenever only one layer of stone remains.	Professional	~~sfg~~ sinkhole around the housing units
Structural Components	Evidence of structural deterioration	Y			Repair as necessary	Professional	
	Evidence of spalling or cracking of structural components	N			Repair or replace, as necessary	Professional	
	Grates are in good condition	N			Repair or replace, as necessary	Owner or professional	
Overall	Access to the Infiltration facility or its components is adequate	N			Establish adequate access. Remove woody vegetation and debris that may block access. Ensure that manholes, valves and/or locks can be opened and operated.	Professional and, perhaps, the locality	
	There is evidence of standing water	N			Fill in low spots and stabilize; correct flow problems causing ponding	Owner or professional	

Christopher Newport University

Annual BMP Inspections Photo Log

June 2024

BMP 2: James River Hall Extended Detention

Photo #1: Overall of Extended Detention Pond

Photo #2: Sediment and debris accumulation present in southern inlet

Photo #3: Sediment and vegetation accumulation present in southern inlet pipe and protection

Photo #4: Sediment accumulation present in northern inlet protection

Photo #5: Sediment and vegetation accumulation present in southeastern inlet protection

Photo #6: Sediment and vegetation accumulation present in eastern inlet pipe and protection

Photo #7: Minor debris accumulation present in outlet trash rack, some denuded areas around outlet structure

Photo #8: Some sediment accumulation and debris present in outlet structure

BMP 5: Parking Lot A Bioretention

Photo #1: Overall of Bioretention

Photo #2: Some road grit and overgrown accumulation present in northwestern curb cut inlet

Photo #3: Some debris and road grit accumulation present in northern curb cut inlet

Photo #4: Some debris accumulation present in underdrain outlet pipe

Photo #5: Some debris accumulation present in eastern check dam

Photo #6: Some debris accumulation present in western check dam

BMP 6: Turf Field Replacement

Photo #1: Overall of Bioretention

Photo #2: Bare areas present in Bioretention

Photo #3: Stone present in western inlet pipe

Photo #4: Some scour present around western inlet protection

Photo #5: Stone present in southwest inlet pipe

Photo #6: Stone present in northern inlet pipe

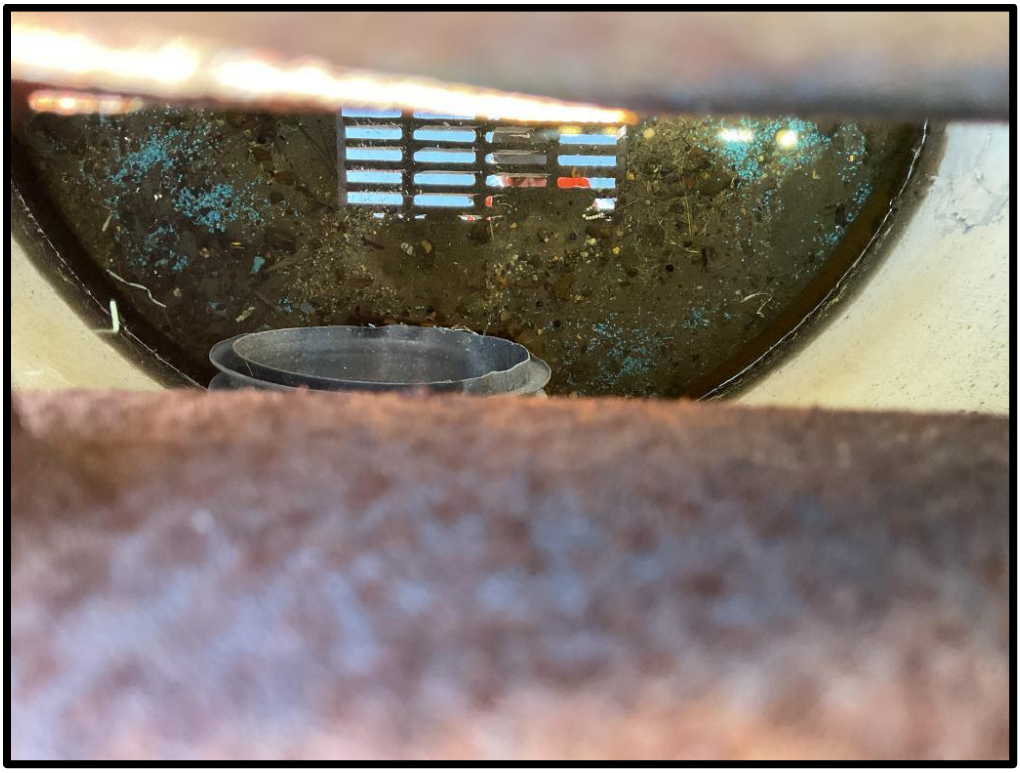


Photo #7: Underdrains and outfall pipe appear to be in good condition

BMP 7: Parking Lot C1/C2 Infiltration Practices (Stormkeeper)

Photo #1: Overall

Photo #2: Some debris accumulation present in northern structure

Photo #3: Some debris accumulation present in southern structure

Photo #4: Some debris accumulation present in upstream inlet structure

DEQ BMP Approval

B BMPDataSubmission@deq.virginia.gov
To Hailey Fry

Reply | Reply All | Forward

Tue 9/24/2024 12:53 PM

If there are problems with how this message is displayed, click here to view it in a web browser.

DEQApprovedBMPSubmission_20240924.xlsx
17 KB

Dear Hailey Fry,

The Department of Environmental Quality (DEQ) has received your BMP submission. Attached you will find a Microsoft Excel document with the data you uploaded with DEQ Tracking Ids assigned to each record. Please keep this file as the Tracking Ids will be needed if you need to update the data at a later date. Thank you.

Organization: Christopher Newport University

Sincerely,
DEQ Division of Water Planning

Upload Status	**Tracking ID**	**Inspection Date**	**Inspection Status**	Maintenance Date	Inspection Comments
PASS	CNUNIV-2002-00489830	6/3/2024	PASS		Minor sediment accumulation and some debris.
PASS	CNUNIV-2019-00489832	6/3/2024	PASS		Functioning as intended.
PASS	CNUNIV-2019-00489833	6/3/2024	PASS		Functioning as intended.
PASS	CNUNIV-2019-00489834	6/3/2024	PASS		Sinkhole present around housing units.

Appendix F MINIMUM CONTROL MEASURE 6 (MCM6) SUPPLEMENTAL INFORMATION

COMMONWEALTH of VIRGINIA

DEPARTMENT OF CONSERVATION AND RECREATION

May 6, 2024

Date Received by DCR 5/2/2024

Chris Webb
Christopher Newport University Athletics
1 Avenue of the Arts
Newport News VA 23606

Your nutrient management plan (NMP) dated 5/6/2024 located in the City of Newport News has been approved by the Virginia Department of Conservation and Recreation (DCR). The approved plan is for 17 acres. Only nutrient recommendations for applications to be made after the date of this letter are approved by this letter. Your NMP was written by Chris Webb, a nutrient management planner certified by DCR.

This site has not been inspected by DCR and this approval is contingent upon site conditions being as stated in the NMP. Any revisions to this plan must be approved by DCR. Any change in personnel resulting in a change to the plan manager should be reported to the Certified Nutrient Management Planner who will then make DCR aware. Please note that this letter should be kept with the NMP and supporting documentation including nutrient application records. This plan expires on 5/6/2027. Please feel free to contact me with any questions or concerns regarding this approval.

Best regards,

Anita Tuttle
Urban Nutrient Management Coordinator
Division of Soil and Water Conservation
600 East Main Street, 24th Floor
Richmond VA 23219
(804) 513-5958

COMMONWEALTH of VIRGINIA

DEPARTMENT OF CONSERVATION AND RECREATION

July 23, 2024

Date Received by DCR 07/05/2024

Christopher Newport University - Grounds
Christopher Newport University
1 Avenue of the Arts
Newport News, VA 23606

Your nutrient management plan (NMP) dated 07/05/2024 located in the City of Newport News has been approved by the Virginia Department of Conservation and Recreation (DCR). The approved plan is for 48.0 acres. Only nutrient recommendations for applications to be made after the date of this letter are approved by this letter. Your NMP was written by Dean Whitehead, a nutrient management planner certified by DCR.

This site has not been inspected by DCR and this approval is contingent upon site conditions being as stated in the NMP. Any revisions to this plan must be approved by DCR. Any change in personnel resulting in a change to the plan manager should be reported to the Certified Nutrient Management Planner who will then make DCR aware. Please note that this letter should be kept with the NMP and supporting documentation including nutrient application records. This plan expires on 07/05/2027. Please feel free to contact me with any questions or concerns regarding this approval.

Best regards,

Gonzalo Ortiz

Gonzalo Ortiz
Urban Nutrient Management Specialist
Division of Soil and Water Conservation
600 East Main Street, 24th Floor
Richmond VA 23219
(804) 217-2010

Athletic Department Operations

Support Facilities
Inspection Report

Inspections must be conducted by a person with the knowledge and skills to assess conditions and activities that could impact stormwater quality at the facility and evaluate the effectiveness of best management practices required by this permit. Retain a copy of the completed and signed form with the SWPPP for at least 3 years.

INSPECTOR NAME:	**INSPECTION TIME:**	**INSPECTION DATE:**
Jessica Slagle + Megan Foreman	1:00 pm	6/3/2024

WEATHER INFORMATION:

Description of Weather Conditions (e.g., sunny, cloudy, raining, snowing, etc.):

sunny, dry

Was stormwater (e.g., runoff from rain or snowmelt) flowing at outfalls and/or discharge areas shown on the Site Map during the inspection? (**Yes X No**) **Comments:**

I. POTENTIAL POLLUTANT SOURCE AREA INSPECTION AND BMP EVALUATION

SWPPP and Site Map: Have a copy of the SWPPP and site map with you during the inspection so that you can ensure they are current and accurate. Use it as an aide in recording the location of any issues you identify during the inspection.

- Is the Site Map current and accurate? ✓
- Is the SWPPP inventory of activities, materials and products current? ✓

*SWPPP available online

Findings and Remedial Action Documentation: Describe any findings below and the schedule for remedial action completion including the date initiated and date completed or expected to be completed.

I. POTENTIAL POLLUTANT SOURCE AREA INSPECTION AND BMP EVALUATION

Good Housekeeping BMPs

Are paved surfaces free of accumulated dust/sediment and debris?

- Date of last quarterly vacuum/sweep
- Are there areas of erosion or sediment/dust sources that discharge to storm drains?

Are all waste receptacles located outdoors:

- In good condition?
- Not leaking contaminants?
- Closed when is not being accessed?
- External surfaces and area free of excessive contaminant buildup?

Are the following areas free of accumulated dust/sediment, debris, contaminants, and/or spills/leaks of fluids?

- External dock areas
- Pallet, bin, and drum storage areas
- Maintenance shop(s)
- Equipment staging areas (loaders, tractors, trailers, forklifts, etc)
- Around bag-house(s)
- Around bone yards

Other areas of industrial activity:

_____

_____

_____

_____

_____

Findings and Remedial Action Documentation:

-some dumpsters uncovered

Spill Response and Equipment

Are spill kits available, in the following locations?

- Fueling stations
- Transfer and mobile fueling units
- Vehicle and equipment maintenance areas

Do the spill kits contain all the permit required items?

- Oil absorbents capable of absorbing 15 gallons of fuel.
- A storm drain plug or cover kit.
- A non-water containment boom, a minimum of 10 feet in length with a 12 gallon absorbent capacity.
- A non-metallic shovel.
- Two five-gallon buckets with lids.

Are contaminated absorbent materials properly disposed of?

Findings and Remedial Action Documentation:

N/A

Observation of Stormwater Discharges	Findings and Remedial Action Documentation:
• Is the discharge free of floating materials, visible oil sheen, discoloration, turbidity, odor, foam or any other signs of contamination? • Water from washing vehicles or equipment, steam cleaning and/or pressure washing is considered process wastewater and is not allowed to comingle with stormwater or enter storm drains. Is process water comingling with stormwater or entering storm drains? Illicit discharges include domestic wastewater, noncontact cooling water, or process wastewater (including leachate). • Were any illicit discharges observed during the inspection?	N/A

II. CORRECTIVE ACTION AND SWPPP MODIFICATIONS DESCRIPTIONS:

Additional space to describe inspection findings and corrective actions if needed. Provide brief explanation of the general location and the rationale for the additional or different BMPs.

- trash + recycling receptacles should remain closed

Since the initial site inspection, the following hot spot issues of concern have been addressed:

Commonwealth Hall

Support Facilities
Inspection Report

Inspections must be conducted by a person with the knowledge and skills to assess conditions and activities that could impact stormwater quality at the facility and evaluate the effectiveness of best management practices required by this permit. Retain a copy of the completed and signed form with the SWPPP for at least 3 years.

INSPECTOR NAME:	**INSPECTION TIME:**	**INSPECTION DATE:**
Jessica Slagle + Megan Forenar	2:10 pm	6/3/2024

WEATHER INFORMATION:

Description of Weather Conditions (e.g., sunny, cloudy, raining, snowing, etc.):

Sunny, dry

Was stormwater (e.g., runoff from rain or snowmelt) flowing at outfalls and/or discharge areas shown on the Site Map during the inspection? (**Yes** **X** (**No**)) **Comments:**

I. POTENTIAL POLLUTANT SOURCE AREA INSPECTION AND BMP EVALUATION

SWPPP and Site Map: Have a copy of the SWPPP and site map with you during the inspection so that you can ensure they are current and accurate. Use it as an aide in recording the location of any issues you identify during the inspection.

- Is the Site Map current and accurate? ✓
- Is the SWPPP inventory of activities, materials and products current? ✓

Findings and Remedial Action Documentation: Describe any findings below and the schedule for remedial action completion including the date initiated and date completed or expected to be completed.

* SWPPP available online

I. POTENTIAL POLLUTANT SOURCE AREA INSPECTION AND BMP EVALUATION

Good Housekeeping BMPs

Are paved surfaces free of accumulated dust/sediment and debris?

- Date of last quarterly vacuum/sweep
- Are there areas of erosion or sediment/dust sources that discharge to storm drains?

Are all waste receptacles located outdoors:

- In good condition?
- Not leaking contaminants?
- Closed when is not being accessed?
- External surfaces and area free of excessive contaminant buildup?

Are the following areas free of accumulated dust/sediment, debris, contaminants, and/or spills/leaks of fluids?

- External dock areas
- Pallet, bin, and drum storage areas
- Maintenance shop(s)
- Equipment staging areas (loaders, tractors, trailers, forklifts, etc)
- Around bag-house(s)
- Around bone yards

Other areas of industrial activity:

_____

_____

_____

_____

_____

Findings and Remedial Action Documentation:

- dumpster covered

Spill Response and Equipment

Are spill kits available, in the following locations?

- Fueling stations
- Transfer and mobile fueling units
- Vehicle and equipment maintenance areas

Do the spill kits contain all the permit required items?

- Oil absorbents capable of absorbing 15 gallons of fuel.
- A storm drain plug or cover kit.
- A non-water containment boom, a minimum of 10 feet in length with a 12 gallon absorbent capacity.
- A non-metallic shovel.
- Two five-gallon buckets with lids.

Are contaminated absorbent materials properly disposed of?

Findings and Remedial Action Documentation:

N/A

Observation of Stormwater Discharges	Findings and Remedial Action Documentation:
• Is the discharge free of floating materials, visible oil sheen, discoloration, turbidity, odor, foam or any other signs of contamination? • Water from washing vehicles or equipment, steam cleaning and/or pressure washing is considered process wastewater and is not allowed to comingle with stormwater or enter storm drains. Is process water comingling with stormwater or entering storm drains? Illicit discharges include domestic wastewater, noncontact cooling water, or process wastewater (including leachate). • Were any illicit discharges observed during the inspection?	N/A

II. CORRECTIVE ACTION AND SWPPP MODIFICATIONS DESCRIPTIONS:

Additional space to describe inspection findings and corrective actions if needed. Provide brief explanation of the general location and the rationale for the additional or different BMPs.

Since the initial site inspection, the following hot spot issues of concern have been addressed:

Plant Operations Building

Support Facilities
Inspection Report

Inspections must be conducted by a person with the knowledge and skills to assess conditions and activities that could impact stormwater quality at the facility and evaluate the effectiveness of best management practices required by this permit. Retain a copy of the completed and signed form with the SWPPP for at least 3 years.

INSPECTOR NAME:	**INSPECTION TIME:**	**INSPECTION DATE:**
Jessica Slagle + Megan Foreman	2:15 pm	6/3/2024

WEATHER INFORMATION:

Description of Weather Conditions (e.g., sunny, cloudy, raining, snowing, etc.):

sunny, dry

Was stormwater (e.g., runoff from rain or snowmelt) flowing at outfalls and/or discharge areas shown on the Site Map during the inspection? (**Yes** **X** **No**) **Comments:**

I. POTENTIAL POLLUTANT SOURCE AREA INSPECTION AND BMP EVALUATION

SWPPP and Site Map: Have a copy of the SWPPP and site map with you during the inspection so that you can ensure they are current and accurate. Use it as an aide in recording the location of any issues you identify during the inspection.

- Is the Site Map current and accurate? ✓
- Is the SWPPP inventory of activities, materials and products current? ✓

* SWPPP avaliable online

Findings and Remedial Action Documentation: Describe any findings below and the schedule for remedial action completion including the date initiated and date completed or expected to be completed.

I. POTENTIAL POLLUTANT SOURCE AREA INSPECTION AND BMP EVALUATION

Good Housekeeping BMPs

Are paved surfaces free of accumulated dust/sediment and debris?

- Date of last quarterly vacuum/sweep
- Are there areas of erosion or sediment/dust sources that discharge to storm drains?

Are all waste receptacles located outdoors:

- In good condition?
- Not leaking contaminants?
- Closed when is not being accessed?
- External surfaces and area free of excessive contaminant buildup?

Are the following areas free of accumulated dust/sediment, debris, contaminants, and/or spills/leaks of fluids?

- External dock areas
- Pallet, bin, and drum storage areas
- Maintenance shop(s)
- Equipment staging areas (loaders, tractors, trailers, forklifts, etc)
- Around bag-house(s)
- Around bone yards

Other areas of industrial activity:

_____

_____

_____

_____

_____

Findings and Remedial Action Documentation:

- recycle bin open

- front receptacle leaking / smells

- debris / grit built up at loading dock

Spill Response and Equipment

Are spill kits available, in the following locations?

- Fueling stations
- Transfer and mobile fueling units
- Vehicle and equipment maintenance areas

Do the spill kits contain all the permit required items?

- Oil absorbents capable of absorbing 15 gallons of fuel.
- A storm drain plug or cover kit.
- A non-water containment boom, a minimum of 10 feet in length with a 12 gallon absorbent capacity.
- A non-metallic shovel.
- Two five-gallon buckets with lids.

Are contaminated absorbent materials properly disposed of?

Findings and Remedial Action Documentation:

Observation of Stormwater Discharges	Findings and Remedial Action Documentation:
• Is the discharge free of floating materials, visible oil sheen, discoloration, turbidity, odor, foam or any other signs of contamination? • Water from washing vehicles or equipment, steam cleaning and/or pressure washing is considered process wastewater and is not allowed to comingle with stormwater or enter storm drains. Is process water comingling with stormwater or entering storm drains? Illicit discharges include domestic wastewater, noncontact cooling water, or process wastewater (including leachate). • Were any illicit discharges observed during the inspection?	N/A

II. CORRECTIVE ACTION AND SWPPP MODIFICATIONS DESCRIPTIONS:

Additional space to describe inspection findings and corrective actions if needed. Provide brief explanation of the general location and the rationale for the additional or different BMPs.

- Dumpster found inbetween Plant operations facility & CNU Apartments.

Since the initial site inspection, the following hot spot issues of concern have been addressed:

Ground Department Compound

Support Facilities
Inspection Report

Inspections must be conducted by a person with the knowledge and skills to assess conditions and activities that could impact stormwater quality at the facility and evaluate the effectiveness of best management practices required by this permit. Retain a copy of the completed and signed form with the SWPPP for at least 3 years.

INSPECTOR NAME:	**INSPECTION TIME:**	**INSPECTION DATE:**
Jessica Slagle + ~~Jessica~~ Megan Foreman	2:53	6/3/2024

WEATHER INFORMATION:

Description of Weather Conditions (e.g., sunny, cloudy, raining, snowing, etc.):

sunny, dry

Was stormwater (e.g., runoff from rain or snowmelt) flowing at outfalls and/or discharge areas shown on the Site Map during the inspection? (**Yes** **X** (**No**)) **Comments:**

I. POTENTIAL POLLUTANT SOURCE AREA INSPECTION AND BMP EVALUATION

SWPPP and Site Map: Have a copy of the SWPPP and site map with you during the inspection so that you can ensure they are current and accurate. Use it as an aide in recording the location of any issues you identify during the inspection.

- Is the Site Map current and accurate? ✓
- Is the SWPPP inventory of activities, materials and products current? ✓

* SWPPP available online

Findings and Remedial Action Documentation: Describe any findings below and the schedule for remedial action completion including the date initiated and date completed or expected to be completed.

I. POTENTIAL POLLUTANT SOURCE AREA INSPECTION AND BMP EVALUATION

Good Housekeeping BMPs ***Are paved surfaces free of accumulated dust/sediment and debris?*** • Date of last quarterly vacuum/sweep • Are there areas of erosion or sediment/dust sources that discharge to storm drains? ***Are all waste receptacles located outdoors:*** • In good condition? • Not leaking contaminants? • Closed when is not being accessed? • External surfaces and area free of excessive contaminant buildup? ***Are the following areas free of accumulated dust/sediment, debris, contaminants, and/or spills/leaks of fluids?*** • External dock areas • Pallet, bin, and drum storage areas • Maintenance shop(s) • Equipment staging areas (loaders, tractors, trailers, forklifts, etc) • Around bag-house(s) • Around bone yards ***Other areas of industrial activity:*** _____ _____ _____ _____ _____	**Findings and Remedial Action Documentation:**
Spill Response and Equipment Are spill kits available, in the following locations? • Fueling stations • Transfer and mobile fueling units • Vehicle and equipment maintenance areas Do the spill kits contain all the permit required items? • Oil absorbents capable of absorbing 15 gallons of fuel. • A storm drain plug or cover kit. • A non-water containment boom, a minimum of 10 feet in length with a 12 gallon absorbent capacity. • A non-metallic shovel. • Two five-gallon buckets with lids. Are contaminated absorbent materials properly disposed of?	**Findings and Remedial Action Documentation:**

Observation of Stormwater Discharges	Findings and Remedial Action Documentation:
• Is the discharge free of floating materials, visible oil sheen, discoloration, turbidity, odor, foam or any other signs of contamination? • Water from washing vehicles or equipment, steam cleaning and/or pressure washing is considered process wastewater and is not allowed to comingle with stormwater or enter storm drains. Is process water comingling with stormwater or entering storm drains? Illicit discharges include domestic wastewater, noncontact cooling water, or process wastewater (including leachate). • Were any illicit discharges observed during the inspection?	N/A

II. CORRECTIVE ACTION AND SWPPP MODIFICATIONS DESCRIPTIONS:

Additional space to describe inspection findings and corrective actions if needed. Provide brief explanation of the general location and the rationale for the additional or different BMPs.

- ensure stockpiles are fully covered
- wash pad should be cleaned

Since the initial site inspection, the following hot spot issues of concern have been addressed:

Freeman Center

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 1:45 pm
Name of Inspector (s): Jessica Slagle + Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☐ 3rd Quarter (July through September)
- ☒ 2nd Quarter (April through June)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: sunny, dry

Any discharges occurring at time of inspection: ☒ Yes ☐ No
If Yes explain: stains near bins

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain:

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain:

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain:

Any incidents of Noncompliance observed: ☒ Yes ☐ No
If Yes explain: one dumpster uncovered

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain:

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☐ Yes	☒ No
Any discharges	☐ Yes	☒ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☒ Good	☐ Bad
Comments (Note specific outfall comment is for):		

Additional Comments:

David Street Union

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 12:50 pm
Name of Inspector (s): Jessica Slagle + Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☑ 2nd Quarter (April through June)
- ☐ 3rd Quarter (July through September)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: sunny, dry

Any discharges occurring at time of inspection: ☒ Yes ☐ No
If Yes explain: grease and dumpster discharge actively dripping

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain:

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain:

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain:

Any incidents of Noncompliance observed: ☒ Yes ☐ No
If Yes explain: Inactive, empty drums

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain:

In and around catch basin and outfalls

Catch basin / Outfalls free of debris	☐ Yes	☒ No
Any discharges	☒ Yes	☐ No
Any sheen or chemical odors evident on effluent	☒ Yes	☐ No
General Cleanliness of area	☐ Good	☒ Bad

Comments (Note specific outfall comment is for):
Debris, grease leakage from dumpster

Additional Comments:
grease is still leaking from dumpster

Ferguson Center

1

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 9:50 am
Name of Inspector (s): Jessica Slagle & Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☐ 3rd Quarter (July through September)
- ☑ 2nd Quarter (April through June)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: cloudy, dry

Any discharges occurring at time of inspection: ☒ Yes ☐ No
If Yes explain: Rust staining from dumpster

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain:

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain:

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain:

Any incidents of Noncompliance observed: ☒ Yes ☐ No
If Yes explain: Dumpsters open

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain:

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☒ Yes	☐ No
Any discharges	☐ Yes	☒ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☒ Good	☐ Bad
Comments (Note specific outfall comment is for):		

Additional Comments:

Ferguson Center 2

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 9:50 am
Name of Inspector (s): Jessica Slagle + Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☐ 3rd Quarter (July through September)
- ☑ 2nd Quarter (April through June)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: cloudy, dry

Any discharges occurring at time of inspection: ☒ Yes ☐ No
If Yes explain: rust staining from dumpster

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain:

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain:

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain:

Any incidents of Noncompliance observed: ☒ Yes ☒ No
If Yes explain: ~~dumpster open~~

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain:

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☒ Yes	☐ No
Any discharges	☐ Yes	☒ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☑ Good	☐ Bad
Comments (Note specific outfall comment is for):		

Additional Comments:

Parking Lot G

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 11:25 am
Name of Inspector (s): Jessica Slagle + Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☐ 3rd Quarter (July through September)
- ☒ 2nd Quarter (April through June)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: Cloudy, dry

Any discharges occurring at time of inspection: ☐ Yes ☒ No
If Yes explain:

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain:

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain:

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain:

Any incidents of Noncompliance observed: ☒ Yes ☐ No
If Yes explain: uncovered stockpile and no containment measures

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain:

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☐ Yes	☒ No
Any discharges	☐ Yes	☒ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☒ Good	☐ Bad
Comments (Note specific outfall comment is for):		

Additional Comments:
University staff may have been using it at time of inspection.

David street union center

Greek Village
#2

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 12:30 pm
Name of Inspector (s): Jessica Slagle & Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☒ 2nd Quarter (April through June)
- ☐ 3rd Quarter (July through September)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: sunny, dry

Any discharges occurring at time of inspection: ☐ Yes ☒ No
If Yes explain: _____

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain: _____

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain: _____

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain: _____

Any incidents of Noncompliance observed: ☒ Yes ☐ No
If Yes explain: One dumpster was uncovered

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain: _____

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☐ Yes	☒ No
Any discharges	☐ Yes	☒ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☐ Good	☒ Bad
Comments (Note specific outfall comment is for):		

Additional Comments:

#01

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 1:29 pm
Name of Inspector (s): Jessica Slagle + Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☐ 3rd Quarter (July through September)
- ☑ 2nd Quarter (April through June)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: sunny, dry

Any discharges occurring at time of inspection: ☐ Yes ☑ No
If Yes explain: _____

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☑ No
If Yes explain: _____

Any control measures needing maintenance or repairs: ☐ Yes ☑ No
If Yes explain: _____

Any failed control measures that need replacement: ☐ Yes ☑ No
If Yes explain: _____

Any incidents of Noncompliance observed: ☑ Yes ☐ No
If Yes explain: dumpsters are uncovered

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☑ No
If Yes explain: _____

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☐ Yes	☑ No
Any discharges	☐ Yes	☑ No
Any sheen or chemical odors evident on effluent	☐ Yes	☑ No
General Cleanliness of area	☑ Good	☐ Bad
Comments (Note specific outfall comment is for):		

Additional Comments:

#4

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 1:34 pm
Name of Inspector (s): Jessica Slagle & Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☒ 2nd Quarter (April through June)
- ☐ 3rd Quarter (July through September)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: sunny, dry

Any discharges occurring at time of inspection: ☐ Yes ☒ No
If Yes explain: _____

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain: _____

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain: _____

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain: _____

Any incidents of Noncompliance observed: ☒ Yes ☐ No
If Yes explain: left dumpster uncovered

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain: _____

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☐ Yes	☒ No
Any discharges	☐ Yes	☒ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☒ Good	☐ Bad
Comments (Note specific outfall comment is for):		

Additional Comments:

#3

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 1:38 pm
Name of Inspector (s): Jessica Slagle + Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
☐ 1st Quarter (January through March)
☒ 2nd Quarter (April through June)
☐ 3rd Quarter (July through September)
☐ 4th Quarter (October through December)

Weather conditions during inspection: sunny, dry

Any discharges occurring at time of inspection: ☒ Yes ☐ No
If Yes explain: Evidence of grease discharge, runoff staining

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain:

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain:

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain:

Any incidents of Noncompliance observed: ☐ Yes ☒ No
If Yes explain:

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☐ No
If Yes explain:

In and around catch basin and outfalls

Catch basin / Outfalls free of debris	☒ Yes	☐ No
Any discharges	☒ Yes	☐ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☑ Good	☐ Bad

Comments (Note specific outfall comment is for):
Grease stains

Additional Comments:

CNU Apartments

#4

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 2:23 pm
Name of Inspector (s): Jessica Slagle + Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☒ 2nd Quarter (April through June)
- ☐ 3rd Quarter (July through September)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: sunny, dry

Any discharges occurring at time of inspection: ☒ Yes ☐ No
If Yes explain: grease trap actively leaking

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain:

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain:

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain:

Any incidents of Noncompliance observed: ☒ Yes ☒ No
If Yes explain: uncovered

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain:

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☐ Yes	☒ No
Any discharges	☒ Yes	☐ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☒ Good	☐ Bad
Comments (Note specific outfall comment is for):		

Additional Comments:

#3

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 2:29 pm
Name of Inspector (s): Jessica Stagle + Megan Foreman
Signature of Inspector (s): Jessica Stagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☑ 2nd Quarter (April through June)
- ☐ 3rd Quarter (July through September)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: Sunny, dry

Any discharges occurring at time of inspection: ☐ Yes ☑ No
If Yes explain: _____

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☑ No
If Yes explain: _____

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain: _____

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain: _____

Any incidents of Noncompliance observed: ☑ Yes ☐ No
If Yes explain: uncovered

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain: _____

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☐ Yes	☒ No
Any discharges	☐ Yes	☒ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☑ Good	☐ Bad
Comments (Note specific outfall comment is for):		

Additional Comments:

#1

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 2:32 pm
Name of Inspector (s): Jessica Slagle & Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☒ 2nd Quarter (April through June)
- ☐ 3rd Quarter (July through September)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: Sunny, dry

Any discharges occurring at time of inspection: ☐ Yes ☒ No
If Yes explain:

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain:

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain:

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain:

Any incidents of Noncompliance observed: ☑ Yes ☐ No
If Yes explain: Uncovered

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain:

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☐ Yes	☒ No
Any discharges	☐ Yes	☒ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☒ Good	☐ Bad
Comments (Note specific outfall comment is for):		

Additional Comments: debris accumulation around receptacles

#2

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 2:38 pm
Name of Inspector (s): Jessica Slagle & Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☑ 2nd Quarter (April through June)
- ☐ 3rd Quarter (July through September)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: sunny, dry

Any discharges occurring at time of inspection: ☐ Yes ☑ No
If Yes explain: _____

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain: _____

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain: _____

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain: _____

Any incidents of Noncompliance observed: ☒ Yes ☐ No
If Yes explain: unopened & trash around bin

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☑ No
If Yes explain: _____

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☑ Yes	☒ No
Any discharges	☐ Yes	☒ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☒ Good	☐ Bad
Comments (Note specific outfall comment is for):		

Additional Comments:

#5

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 2:42 pm
Name of Inspector (s): Jessica Slagle + Megen Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☒ 2nd Quarter (April through June)
- ☐ 3rd Quarter (July through September)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: Sunny, dry

Any discharges occurring at time of inspection: ☐ Yes ☒ No
If Yes explain: _____

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain: _____

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain: _____

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain: _____

Any incidents of Noncompliance observed: ☐ Yes ☒ No
If Yes explain: _____

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain: _____

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☐ Yes	☒ No
Any discharges	☐ Yes	☒ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☐ Good	☐ Bad
Comments (Note specific outfall comment is for):		

Additional Comments: No longer dumpster - Goodwill donations

#6

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 2:46 pm
Name of Inspector (s): Jessica Slagle + Megan Foreman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☐ 3rd Quarter (July through September)
- ☑ 2nd Quarter (April through June)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: Sunny, dry

Any discharges occurring at time of inspection: ☑ Yes ☐ No
If Yes explain: slight rust under dumpster

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☑ No
If Yes explain:

Any control measures needing maintenance or repairs: ☐ Yes ☑ No
If Yes explain:

Any failed control measures that need replacement: ☐ Yes ☑ No
If Yes explain:

Any incidents of Noncompliance observed: ☑ Yes ☐ No
If Yes explain: uncovered dumpster

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain:

In and around catch basin and outfalls

Catch basin / Outfalls free of debris	☐ Yes	☑ No
Any discharges	☐ Yes	☑ No
Any sheen or chemical odors evident on effluent	☐ Yes	☑ No
General Cleanliness of area	☒ Good	☐ Bad

Comments (Note specific outfall comment is for):
Road grit outside of dumpster

Additional Comments:

#7

ROUTINE VISUAL INSPECTION LOG

Date of Inspection: 6/3/2024 **Time of Inspection:** 2:50 pm
Name of Inspector (s): Jessica Slagle & Megan Forman
Signature of Inspector (s): Jessica Slagle

Inspection Period (Check One)
- ☐ 1st Quarter (January through March)
- ☒ 2nd Quarter (April through June)
- ☐ 3rd Quarter (July through September)
- ☐ 4th Quarter (October through December)

Weather conditions during inspection: sunny, dry

Any discharges occurring at time of inspection: ☑ Yes ☐ No
If Yes explain: some rust under dumpster

Any previously unidentified discharges of pollutants from the site: ☐ Yes ☒ No
If Yes explain:

Any control measures needing maintenance or repairs: ☐ Yes ☒ No
If Yes explain:

Any failed control measures that need replacement: ☐ Yes ☒ No
If Yes explain:

Any incidents of Noncompliance observed: ☒ Yes ☐ No
If Yes explain: uncovered dumpster

Any additional control measures needed to comply with the permit requirements: ☐ Yes ☒ No
If Yes explain:

In and around catch basin and outfalls		
Catch basin / Outfalls free of debris	☐ Yes	☒ No
Any discharges	☐ Yes	☒ No
Any sheen or chemical odors evident on effluent	☐ Yes	☒ No
General Cleanliness of area	☒ Good	☐ Bad
Comments (Note specific outfall comment is for):		

Additional Comments:

Christopher Newport University

Annual SWPPP Inspections Photo Log

June 2024

Athletics Department Operations

Photo #1: Uncovered dumpster

Photo #2: Uncovered dumpster

Photo #3: Materials storage and trash present in dumpster area

Photo #4: Uncovered materials storage area

Photo #5: Uncovered bags of blue, rubber pellets for running track

Photo #6: Uncovered materials storage area

Photo #7: Work in progress near dumpster area

Photo #8: Work in progress near dumpster area

CNU Apartments-1

Photo #1: Uncovered dumpster and debris around receptacle

Photo #2: Trash and debris present around receptacle area

CNU Apartments-2

Photo #1: Uncovered dumpster

Photo #2: Trash and debris present around receptacle area

CNU Apartments-3

Photo #1: Uncovered dumpster

Photo #2: Uncovered dumpster

Photo #3: Some trash and debris present around receptacle area

CNU Apartments-4

Photo #1: Stains from grease trap

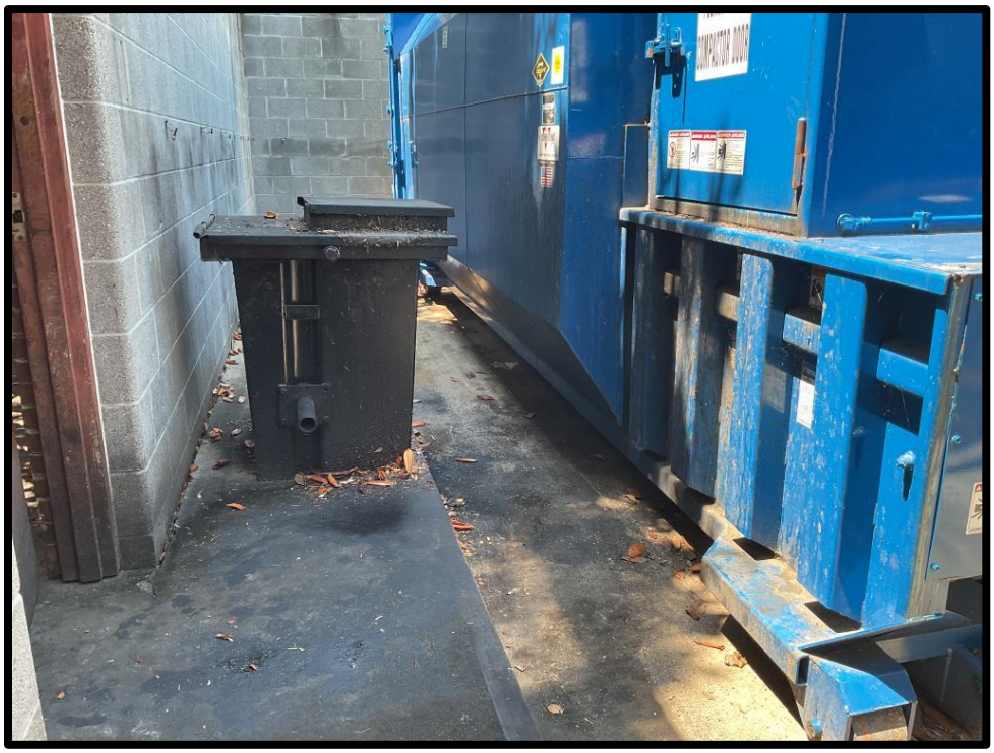


Photo #2: Grease trap and trash compactor

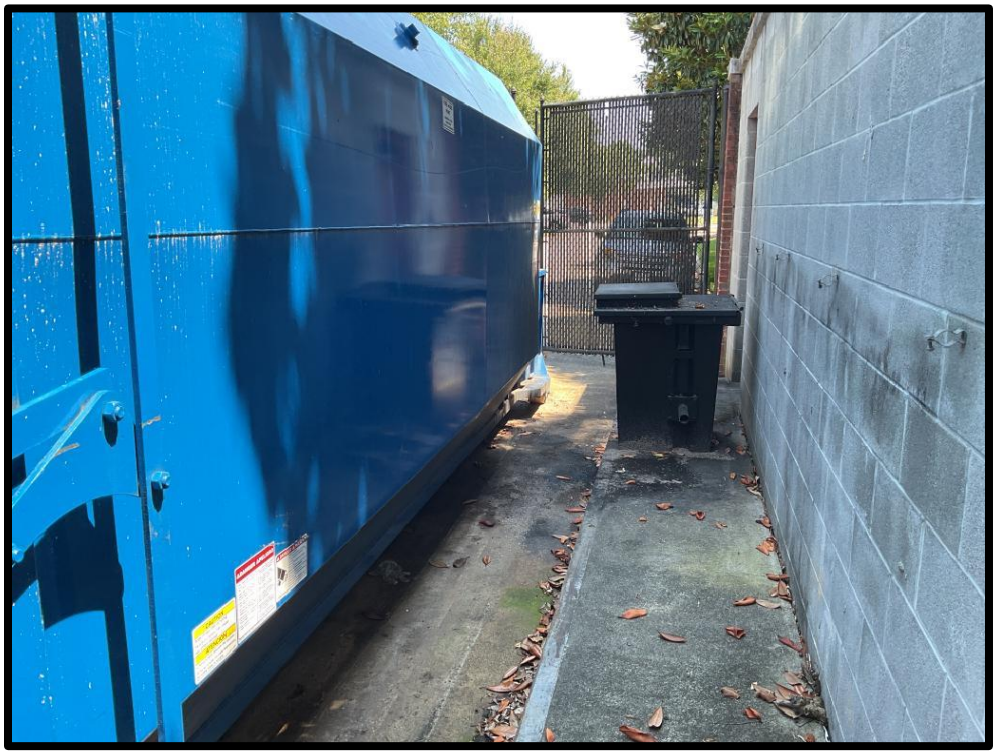


Photo #3: Staining present under trash compactor

CNU Apartments-5

Photo #1: Significant road grit accumulation outside of receptacle area

Photo #2: Trash receptacle area converted to Goodwill Donations area

CNU Apartment-6

Photo #1: Uncovered dumpster

Photo #2: Some trash and debris present around receptacle area

Photo #3: Significant sediment accumulation outside of receptacle area, clogging inlet

CNU Apartments-7

Photo #1: Rust present under dumpster

Photo #2: Sediment accumulation outside of receptacle area

Commonwealth Hall

Photo #1: Overall

Photo #2: Open dumpster

Photo #3: Covered materials storage present

Photo #4: Loading/Unloading Area

David Street Union

Photo #1: Loading/Unloading Area

Photo #2: Debris accumulation near trench drain

Photo #3: Grease traps appear to be draining into trench drain

Photo #4: Discharge from trash compactor

Photo #5: Rust stains and discharge from trash compactor

3

Photo #6: Container and materials storage

Ferguson Center-1

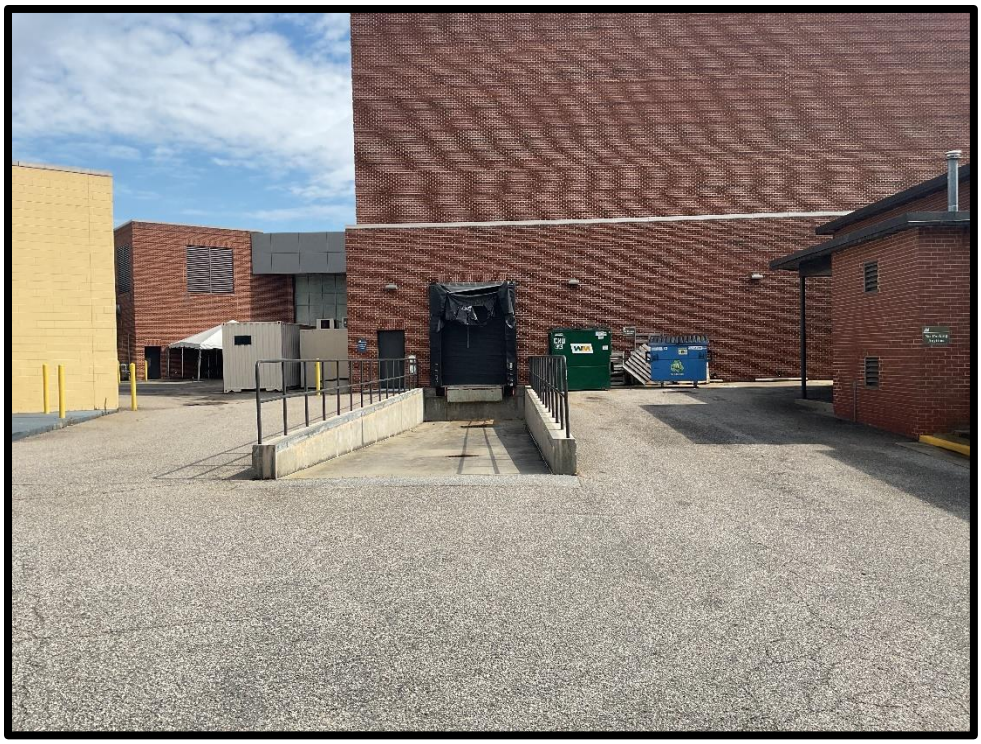


Photo #1: Loading/Unloading Area

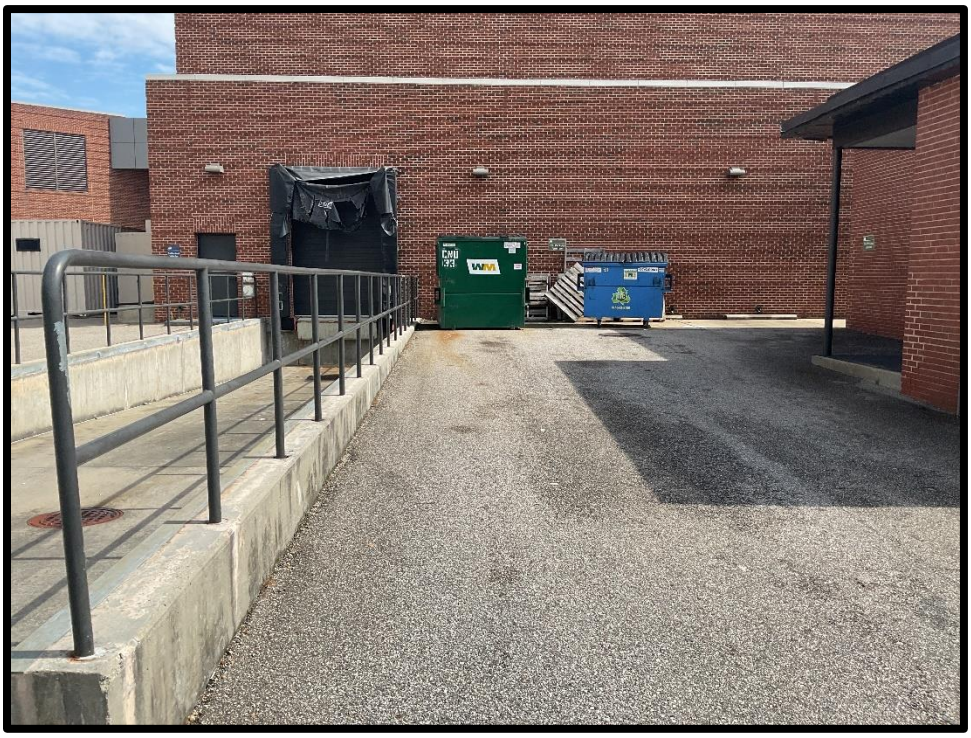


Photo #2: Rust stains from dumpster present

Ferguson Center-2

Photo #1: Loading/Unloading Area

Photo #2: Uncovered dumpsters and rust stains present

Freeman Center

Photo #1: Uncovered dumpster

Photo #2: Sand bag and stains present near receptacle area

Photo #3: Rust stains present under dumpster

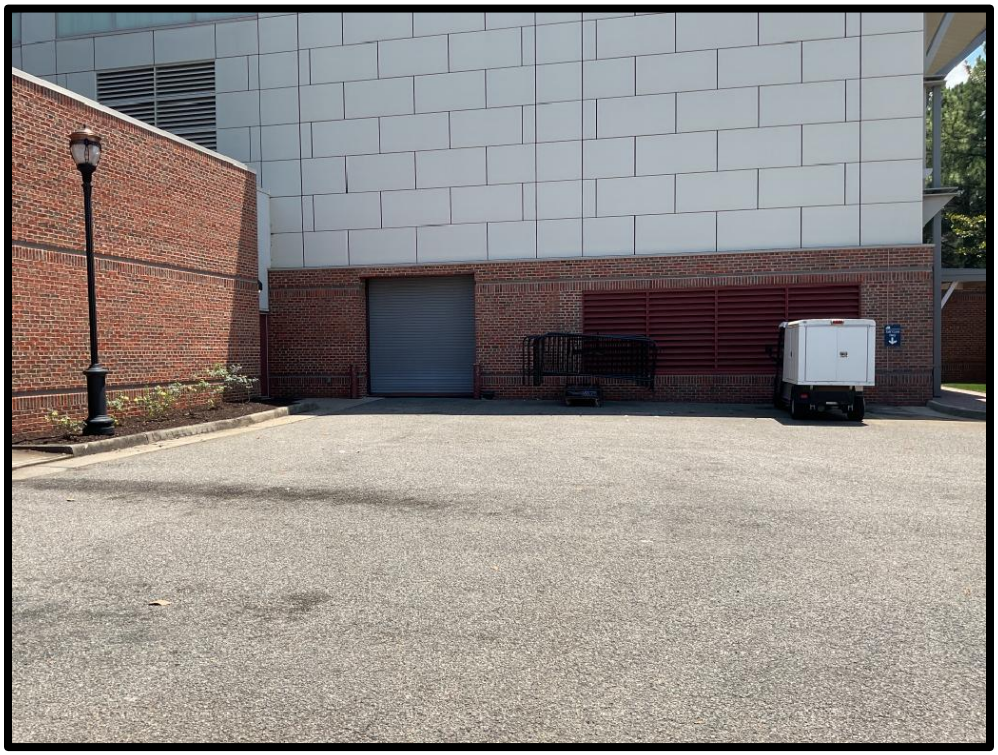


Photo #4: Loading/Unloading Area

Greek Village-1

Photo #1: Uncovered dumpster

Photo #2: Uncovered dumpster

Photo #3: Stormwater inlet near receptacle area

Greek Village-2

Photo #1: Covered dumpster, some stains present near receptacle area

Photo #2: Uncovered dumpster, some stains present near receptacle area

Greek Village-3

Photo #1: Trash compactor

Photo #2: Materials storage

Photo #3: Materials storage

Photo #4: Uncovered trash can and materials storage

Photo #5: Stains from trash compactor present

Greek Village-4

Photo #1: Partially uncovered dumpster

Photo #2: Some trash and debris present around receptacle area

Grounds Department Compound

Photo #1: Overall

Photo #2: Partially covered and contained stockpiles

Photo #3: Planters present in stockpile area

Photo #4: Partially uncovered dumpster

Photo #5: Vehicle Wash Station, note presence of soaps

Photo #6: Grass clippings and road grit present at vehicle wash station inlet grate

Photo #7: Uncovered materials storage present adjacent to vehicle wash station

Photo #8: Uncovered materials storage present adjacent to vehicle wash station

Photo #9: Covered equipment, materials, and storage area

Photo #10: Covered fueling area with secondary containment and spill kit

Photo #11: Elevated containers in secondary containment

Photo #12: Uncovered materials storage

Photo #13: Suds observed in stormwater conveyance channel

Photo #14: Covered dumpster

Parking Lot G

Photo #1: Uncovered stockpiles

Photo #2: Access path for baseball field operations

Photo #3: Sediment tracking onto parking lot from active baseball field operations

Photo #4: Back side of uncovered stockpiles

Plant Operations Building

Photo #1: Overall

Photo #2: Uncovered material storage area

Photo #3: Uncovered materials storage area

Photo #4: Uncovered materials storage area

Photo #5: Loading/Unloading Area

Photo #6: Uncovered dumpster

Photo #7: Uncovered materials storage area

Photo #8: Rust stains and active discharge from dumpster

Photo #9: Uncovered dumpster

Photo #10: Partially covered dumpster, cover appears to be damaged