



**Danville Community College**

# **Municipal Separate Storm Sewer System Annual Report**

**Reporting Period: July 1, 2020 to June 30, 2021**

Date: October 1, 2021

General Permit No. VAR040109

Permit Effective: November 1, 2018 through October 31, 2023.

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## Annual Report 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."

Printed Name: Charles Toothman

Signature: *Charles Toothman*

Title: Vice President of Financial and Administrative Services

Date: 9/24/2021

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## Background and Purpose

Danville Community College (DCC) owns and operates a municipal separate storm sewer system (MS4). The college’s MS4 consists of features such as curb and gutter, drop inlets, ditches, and stormwater management facilities to convey, treat, and ultimately discharge stormwater runoff to surface waters. The discharge of runoff from the MS4 is regulated under the Clean Water Act, as amended and pursuant to the State Water Control Law and Regulations adopted pursuant thereto. DCC is authorized to discharge stormwater runoff from the Danville campus’s MS4 under the Virginia Stormwater Management Program Regulations, Virginia Pollutant Discharge Elimination System Regulations (VPDES), and the Virginia State Water Control Law.

DCC is authorized to discharge stormwater in accordance with the General VPDES Permit for Discharges of Stormwater from Small MS4s (General Permit). As required by the General Permit, DCC has developed an MS4 Program Plan that describes the best management practices (BMPs) the college will implement to maintain compliance with the permit. The General Permit also requires DCC to submit an annual report to the Virginia Department of Environmental Quality (DEQ) no later than October 1<sup>st</sup> of each year that reports on program implementation from July 1<sup>st</sup> to June 30<sup>th</sup> of the previous year. Consistent with the requirements of the General Permit, this annual report is annually completed as summarized in Table 1.

**Table 1. General information required for annual reporting.**

Required Information	Location in Report
Permittee, system name, and permit number	Cover Page
Reporting period	Cover Page
Signed Certification	Page ‘i’
Annual Reporting item(s) specified for each MCM	Provided for each BMP within the section entitled “Minimum Control Measure Annual Reporting.”
Evaluation of the program implementation, effectiveness, and necessary modifications	Provided for each BMP within the section entitled “Minimum Control Measure Annual Reporting.” Concerns regarding effectiveness are in Table 2 of the following Section.

## Compliance Summary

The following sections include the specific annual reporting required for each of the BMPs described in the DCC MS4 Program Plan. Reported information includes the specific annual reporting required in the General Permit, along with supplemental information described in the Program Plan, as applicable, to measure effectiveness of each BMP. For use in reference to this annual report, the Program Plan is provided at the DCC stormwater management [webpage](#). The Program Plan may be updated or revised from time to time as part of an iterative process to reduce pollutant loadings and protect water quality to the MEP.

DCC has evaluated the effectiveness of each program BMP, as described in the Program Plan and as applicable. Table 2 summarizes the evaluation any modifications to the MS4 Program Plan that DCC will provide in the subsequent reporting year.

**Table 2. Evaluation summary each BMP for the reporting year.**

BMP # <sup>1</sup>	Description Summary <sup>1</sup>	Effective? <sup>2</sup>
1A	Public Education & Outreach	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
2A	Maintain dedicated webpage	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
2B	Receive/respond to public reports/input	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
2C	Public Participation Activities	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
3A	MS4 Map and Information Table	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
3B	Prohibition of non-stormwater discharges	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
3C	Perform dry weather outfall screenings	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
4A	Implement VCCS Stnds. & Specs for ESC & SWM	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
4B	Control Non-stormwater discharges (construction)	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
5A	Implement VCCS Stnds. & Specs for ESC & SWM	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
5B	Conduct annual SWM Facility Inspections	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
5C	Update SWM Facility Spreadsheet	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
5D	Report to DEQ Construction Stormwater Database	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
6A	Implement Good Housekeeping Procedures	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
6B	Conduct annual campus-wide SWPPP Evaluation	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
6C	Maintain Current Nutrient Management Plan	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
6D	Ensure contract language for controls	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
6E	Conduct MS4 employee training	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No

<sup>1</sup> Refer to BMP section within this program plan for full description and requirements for each BMP.

<sup>2</sup> Refer to BMP section within this program plan for reporting on measure of effectiveness, as applicable.

## Minimum Control Measure Annual Reporting

Reporting provided for each BMP described in the DCC MS4 Program Plan to address each MCM is provided below. Information provided is only that explicitly required by the General Permit and the DCC MS4 Program Plan. Please refer to the Program Plan for additional information for each BMP.

### MCM 1: Public Education and Outreach

Annual reporting required for each BMP to address MCM 1, as described in the General Permit and MS4 Program Plan, is provided below.

#### **BMP 1A – Public Education & Outreach Plan**

Annual reporting associated with this BMP requires:

- ✓ A list of the high-priority stormwater issues addressed during the reporting year (Table 1A-1).
- ✓ A list of the strategies used to communicate each high-priority stormwater issue (Table 1A-1).
- ✓ The public survey results described for use as a measure of effectiveness (Table 1A-2).

**Table 1A-1. Reporting for high priority stormwater issues addressed during the reporting year.**

High Priority Stormwater Issue	Strategy
<i>1. General public education on: (1) stormwater impacts to surface waters and (2) steps to reduce pollution.</i>	<i>Traditional Written Materials (brochure)</i>
<i>2. Illicit discharge prohibition/enforcement on the DCC campus disciplinary implications, hazards and proper waste disposal.</i>	<i>Media Materials (Closed circuit TV slides)</i>
<i>3. Increase applicable staff's knowledge regarding pollutant of concern for Dan River TMDL.</i>	<i>Traditional Written Materials (brochure)</i>

**Table 1A-2. Public survey results used for measure of effectiveness.**

Results from Public Survey		
<i>Two follow-up surveys: (1) Focused on material for WQ issues # 1 &amp; #2 distributed to all of the DCC public. (2) Focused on WQ issue #3 distributed to applicable staff. Next survey to assess improvement of scores will be in the spring of 2023. Since the 2019 survey, the public score increased from 65% to 73%. Staff score increased from 86% to 95%. Scores indicate the educational outreach is effective.</i>		
Date Distributed: <i>(1) 4/30/21 and (2) 9/17/21</i>	Number of Respondents: <i>(1) 39 and (2) 4</i>	Average Score: <i>(1) 73% and (2) 95%</i>

Summary of BMP Effectiveness based on Program Plan Measurable Goal	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## MCM 2: Public Involvement and Participation

Annual reporting required for each BMP to address MCM 2, as described in the General Permit and MS4 Program Plan, is provided below.

### **BMP 2A – Dedicated MS4 Webpage**

Annual reporting associated with this BMP requires:

- ✓ The current DCC MS4 Program and stormwater pollution prevention webpage address and a description of updates implemented within the reporting year (Table 2A-1).
- ✓ A description of updates implemented to the webpage within the reporting year; and
- ✓ Indication of the completion of an annual review of the webpage to ensure the required information to be posted is maintained and up to date.

**Table 2A-1. Reporting for high priority stormwater issues addressed during the reporting year.**

<b>Dedicated Stormwater Webpage Reporting</b>	
Link to current MS4 Program and Stormwater pollution prevention webpage: <a href="https://danville.edu/storm-water-management">https://danville.edu/storm-water-management</a>	
An annual review of the website finds all information required to be posted on the website has been maintained with the latest version of program documents required to be posted by the General Permit.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Description of updates implemented during the reporting year: <i>DCC has added the following to the college's stormwater webpage: (1) 2019-2020 MS4 Annual Report, as required per the permit to the webpage; and (2) updated VCCS Annual Standards and Specifications for ESC and SWM (approved 2021).</i>	

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**BMP 2B – Procedures for Receipt/ Response to Public Reports/Input**

Annual reporting associated with this BMP requires:

- ✓ Each potential illicit discharge report and percentage of reports closed;
- ✓ Each instance of public input and percent for which DCC provided response; and
- ✓ Assessment if all illicit discharges were not closed or all input did not receive response.

<b>Illicit Discharge Reports<sup>1</sup></b>		
Number of instances: <i>0</i>	Number of instances closed: <i>N/A</i>	Percent of instances closed: <i>N/A</i>
Were 100% of instances of illicit discharge reports closed?		<i>N/A</i>
<b>Public Input on Program Plan<sup>2</sup></b>		
Number of instances: <i>0</i>	Number of responses: <i>N/A</i>	Percent of instances responded to: <i>N/A</i>
Was a response provided to all instance of public input?		<i>N/A</i>

<sup>1</sup> Illicit discharge reports are provided in Appendix A, if > zero instances.

<sup>2</sup> Public input and response documentation is in Appendix B, if > zero instances.

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**BMP 2C – Public Involvement/Participation Activities**

Annual reporting associated with this BMP requires:

- ✓ A description of the activities;
- ✓ A report of the metric to measure the benefit to water quality; and
- ✓ An evaluation as to whether or not the activity is beneficial to improving water quality.

<b>Public Involvement/Participation Activities</b>			
<b>Involvement Type<sup>1</sup></b>	<b>Description of activity</b>	<b>Report on the Metric to measure benefit to water quality</b>	<b>Beneficial to Improving water quality?</b>
<i>Educational Events</i>	<i>Distribution of brochures around campus.</i>	<i>Distributed to all mailrooms and open spaces.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<i>Disposal or collection events</i>	<i>Recycling (paper) partnership with the City of Danville.</i>	<i>Ongoing, Occurring every 1st &amp; 3rd Wednesday each month.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<i>Pollution prevention</i>	<i>Grounds staff performed recycling and trash pickup around campus.</i>	<i>Conducted every weekday.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<i>Educational Events</i>	<i>Meeting with DCC Vice President and two professors for planning trash pickup event with volunteers.</i>	<i>Meeting in June 2021.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<sup>1</sup> A minimum of two involvement types must be used annually.

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If yes, please described necessary BMP modifications to improve effectiveness: <i>COVID restrictions kept many of the college’s “public” away from campus during the reporting year and typical activities, such as campus clean-ups by Phi Beta Kappa, could not be held. If the restrictions due to COVID-19 continue throughout the upcoming report year, alternative activities will be identified more specific to those listed in the permit.</i>	

### **MCM 3: Illicit Discharge Detection and Elimination**

Annual reporting required for each BMP to address MCM 3, as described in the General Permit and MS4 Program Plan, is provided below.

#### **BMP 3A – Maintain MS4 Map and Information Table**

Annual reporting associated with this BMP requires:

- ✓ A confirmation statement that the MS4 map and information table have been updated to reflect any changes to the MS4 occurring on or before June 30<sup>th</sup> of the reporting year;

<b>Certification Statement: MS4 Map &amp; Information Table Updates</b>	
<i>“In accordance with the General Permit and the DCC Program Plan, DCC confirms as part of this annual report that the MS4 map and information table have been updated to reflect any changes to the MS4 occurring during the reporting year.”</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**BMP 3B – Prohibition of Unauthorized Non-stormwater Discharges**

Annual reporting associated with this BMP includes reporting requirements for BMP 3C, in addition to the following:

- ✓ The number of illicit discharges purposefully caused by a member of the DCC public;
- ✓ An assessment, when applicable, of any disciplinary action in context to the protection of water quality.

<b>Illicit Discharge Prohibition Enforcement</b>		
No. <input type="button" value="Add Instance"/>	Disciplinary action taken? (Yes / No)	Description of action taken
Total number of instances for current reporting year.		<i>0</i>
Total number of instances for last reporting year.		<i>0</i>
Total number of instances two years previous.		<i>0</i>
Total number of instances three year prior.		<i>0</i>
Do trends indicate the BMP is ineffective?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**BMP 3C – Maintain, Implement, Enforce IDDE Written Procedures (Includes Screening)**

Annual reporting associated with this BMP requires:

- ✓ The total number of outfalls screened during the reporting period as part of the dry weather screening program; and
- ✓ A list of illicit discharges to the MS4 including spills reaching the MS4. Each instance of illicit discharge will be documented using the “IDDE Tracking Form” in the DCC Handbook of Good Housekeeping and Pollution Prevention to include the following information:
  - The source of illicit discharge;
  - The dates that the discharge was observed, reported, or both;
  - Whether the discharge was discovered by the permittee during dry weather screening, reported by the public, or other method (describe);
  - How the investigation was resolved;
  - A description of any follow-up activities; and
  - The date the investigation was closed.
- ✓ An annual assessment of the percentage of detected illicit discharges that are eliminated, including any necessary modification(s) needed for the DCC Handbook of Good Housekeeping and Pollution Prevention for cases where a detected illicit discharge was not eliminated. A schedule for completing any modification will also be provided.

<b>Outfall Screening &amp; IDDE Procedure Effectiveness</b>	
Total number of outfalls screened as part of dry weather screening program.	18
Total number of DCC outfalls.	18 <sup>1</sup>
Were 100% of outfalls screened during the reporting year?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<sup>1</sup> An additional outfall was discovered during annual screening. A total of 18 outfalls is now reflected on the updated MS4 mapping dated April 2021 and is available upon request.

<b>Effectiveness Assessment for Addressing Illicit Discharges</b>
Were all instances of identified illicit discharge listed in Appendix A closed?
<i>No identified illicit discharges. However, screening identified one instance of “suspect” illicit discharge related to sediment build-up at OF-11. The source appears to be from areas lacking stabilization around the upslope tennis courts. DCC is developing a plan of action with the grounds contractor to stabilize the areas (associated Screening report in Appendix A).</i>

## MCM 4: Construction Site Stormwater Runoff Control

Annual reporting required for each BMP to address MCM 4, as described in the General Permit and MS4 Program Plan, is provided below.

### **BMP 4A – Address Discharge from Regulated Construction Site Stormwater Runoff**

Annual reporting associated with this BMP requires:

- ✓ A confirmation statement, as a result of the annual assessment for effectiveness of the BMP, that land disturbing projects that occurred during the reporting period have been conducted in accordance with the current DEQ-approved standards and specifications for ESC.
  - If one or more of the land disturbing projects were not conducted with the DEQ-approved standards and specifications, an explanation as to why the projects did not conform to the approved standards and specifications.
- ✓ Total number of ESC inspections conducted; and
- ✓ The total number and type of enforcement actions implemented and the type of enforcement actions.

<b>Certification Statement: Adherence to the VCCS Standards &amp; Specifications for ESC</b>	
Confirmation Statement: <i>“In accordance with the General Permit and the DCC Program Plan, DCC confirms that land disturbing projects that occurred during the reporting period have been conducted in accordance with the latest DEQ-approved standards and specifications for Erosion and Sediment Control.”</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>ESC Inspections &amp; Enforcement Summary</b>	
Total number of ESC inspections conducted: <i>0 – no land disturbance activities during reporting year</i>	
Were any enforcement actions taken during the reporting year?	<i>N/A</i>

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**BMP 4B –Controls to Prevent Non-stormwater Discharges during Land Disturbance**

Annual reporting associated with this BMP requires:

- ✓ The total number of illicit discharge originating from land disturbance activity of the total illicit discharges reports listed in Appendix A; and
- ✓ Any potential changes to the subsequent annual standards and specifications to prevent future occurrences.

<b>Illicit Discharge from Land Disturbance Activity</b>	
Were there any instances during the reporting period of illicit discharges originating from land disturbance activity?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### **MCM 5: Post-construction SWM for Development**

Annual reporting required for each BMP to address MCM 5, as described in the General Permit and MS4 Program Plan, is provided below. Please refer to the DCC MS4 Program Plan for specific BMP information.

#### **BMP 5A – Address Post-construction Stormwater Runoff**

Annual reporting associated with this BMP requires:

- ✓ A confirmation statement that land disturbing projects that occurred during the reporting period have been conducted in accordance with the current DEQ-approved standards and specifications for SWM.

<b>Certification Statement: Adherence to the VCCS Standards &amp; Specifications for SWM</b>	
Confirmation Statement: <i>“In accordance with the General Permit and the DCC Program Plan, DCC confirms that applicable land disturbing projects that occurred during the reporting period, if any, have been conducted in accordance with the latest DEQ-approved standards and specifications for Stormwater Management.”</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**BMP 5B – Implement Inspection & Maintenance Program for SWM Facilities**

Annual reporting associated with this BMP requires:

- ✓ The total number of inspections (completed forms) conducted on each of DCC’s SWM facilities;
- ✓ A description of the significant maintenance, repair, or retrofit activities performed on each SWM facility, if any, to ensure it continues to perform as designed. This does not include routine activities such as grass mowing or trash collection; and
- ✓ Summary of timelines for addressing any significant maintenance identified during inspections.

<b>SWM Facility Inspections and Maintenance</b>	
Total number of inspections conducted on SWM facilities. 4	
Was at least one inspection performed on each DCC SWM facility?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
During the reporting period, were there any significant maintenance, repair, or retrofit activities performed on any of the DCC SWM facilities?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Were any <u>significant</u> maintenance, repair, or retrofit activities identified as necessary as a result of inspection this reporting period?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>If Yes, provide the BMP ID and a description of the maintenance including an assessment of the timeliness of the needed actions.</p> <ul style="list-style-type: none"> <li>• <i>BMP #1: (1) Woody growth needs to be removed from forebay berm. (2) Area of standing water needs to be modified to allow for positive drainage. (3) Animal burrows need to be addressed. (4) Anti-clogging device for low flow orifice needs to be repaired.</i></li> <li>• <i>BMP #4: (1) Investigate and make applicable repairs to ensure discharge from bioretention is through the outfall pipe (prevent discharge from outside of the pipe)</i></li> </ul> <p><i>Investigation and maintenance is scheduled for the fall of 2021 and/or spring of 2022.</i></p>	

**BMP 5C – Maintain SWM Facilities Spreadsheet**

No annual reporting necessary (see reporting for BMP 5D)

**BMP 5D –SWM Facilities Reporting to DEQ**

Annual reporting associated with this BMP requires:

- ✓ A confirmation statement that either: (1) DCC submitted SWM facility information through the Virginia Construction Stormwater General Permit database for those land disturbing activities for which coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities was required or (2) DCC did not complete any projects requiring coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities.
  - If information was not submitted, an explanation as to why with a schedule for submission of the required information.

<b>Certification Statement: Report to Virginia Construction Stormwater General Permit Database (Applicable for Reporting Year)</b>	
Confirmation Statement: <i>“DCC submitted SWM facility information through the Virginia Construction Stormwater General Permit database for those land disturbing activities for which coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities was required in accordance with the VCCS Standards and Specifications for ESC and SWM.”</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A

<sup>1</sup> Not applicable since no projects were completed during the reporting year that required coverage; or if an applicable project was completed, a stormwater management facility was not installed as part of the project. See following certification statement.

<b>Certification Statement: Report to Virginia Construction Stormwater General Permit Database (Not Applicable for Reporting Year)</b>	
Confirmation Statement: <i>“DCC either did not complete any projects during the reporting period requiring coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities; or, if a project was completed, a stormwater management facility was not installed as part of the project.”</i>	Marked box below is confirmation <input checked="" type="checkbox"/>

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## MCM 6: Pollution Prevention & Good Housekeeping for Facilities

Annual reporting required for each BMP to address MCM 6, as described in the General Permit and MS4 Program Plan, is provided below. Please refer to the DCC MS4 Program Plan for specific BMP information.

### **BMP 6A –Written Procedures for Pollution Prevention/Good Housekeeping**

Annual reporting associated with this BMP requires:

- ✓ A description of any illicit discharges originating from campus operations and maintenance activities, provided in reporting for BMP 3C; and
- ✓ A summary of any modifications to operational procedures in the *DCC Staff Handbook of Good Housekeeping and Pollution Prevention* to prevent future occurrences of illicit discharge(s), if applicable.

<b>Effectiveness of Program to Prevent Illicit Discharges from Campus Operations</b>	
Were there any illicit discharges from BMP 3C reporting that originated from campus operations of maintenance activities?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<b>Summary of Modifications to Operation Procedures</b>	
Were modifications made to the DCC Staff Handbook of Good Housekeeping and Pollution Prevention during the reporting year?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**BMP 6B –SWPPPs for High Priority/ High Potential Facilities for Discharging Pollutants**

Annual reporting for this BMP requires a summary of the annual campus assessment to determine if a SWPPP is required based on the criteria described in the General Permit that defines high priority facilities that have high potential of discharging pollutants.

<b>Annual Campus SWPPP Assessment Results</b>	
Was an annual evaluation to determine if a SWPPP is required performed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If yes, is a SWPPP required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**BMP 6C – Maintain/ Implement Nutrient Management Plans and Deicing Policy**

Annual reporting for this BMP will include a summary of any new NMPs developed, including

- ✓ Locations and total acreage for where the NMP applies; and the
- ✓ Date of the latest DCR approval for the NMP.

<b>Nutrient Management</b>	
Did DCC apply nutrients during the reporting year?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**BMP 6D – Contractor Requirements to Utilize Controls to Minimize Pollutant Discharges**

Annual reporting for this BMP requires:

- ✓ The number of illicit discharges originating from contractor activities.
- ✓ Summary of assessment to modify procurement procedures to prevent future instances.

<b>BMP 6A Annual Reporting Form</b>	
Were there any illicit discharges during the reporting period that originated from contractor activities?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**BMP 6E – Training Plan for Applicable Employees**

Annual reporting associated with this BMP requires:

- ✓ The date of the most recent training event;
- ✓ The date of the prior training event (to ensure within 24 months);
- ✓ The number of employees who attended the most recent training event;
- ✓ The objective of the training event; and
- ✓ The average quiz scores from the training event. If quiz scores average less than 80%, a summary will be report of the assessment of the training event with any necessary modifications to be incorporated into future training to improve teaching of the materials.

<b>Good Housekeeping/Pollution Prevention Training</b>	
Date of latest training event:	<u>April 23, 2021</u>
Date of previous training:	<u>June 5, 2019</u>
Has training continued to be provided a minimum of once every 24 months?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Number of employees that attended the latest training event.	5
Number of employees identified to be required to participate in training (as defined by the general permit and program plan).	5
Percent of those identified that attended training.	100%
Did a significant percentage of those required attend?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Provide a description of the objective of the training event: <i>Familiarize staff with the MS4 program, recognition and reporting of illicit discharges, the Staff Handbook for Good Housekeeping and Pollution Prevention, and priority areas on campus.</i>	
Average quiz score from latest training event.	96%
<i>Note: Quiz results increased from 79% with 2019 training to 96% with 2021 training, demonstrating effective training.</i>	

<b>Summary of BMP Effectiveness based on Program Plan Measurable Goal</b>	
Does the measure of BMP effectiveness require Program Plan modification?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

# **Appendix A**

**(Supporting Information on Illicit Discharges)**



## OUTFALL RECONNAISSANCE FORM (DANVILLE COMMUNITY COLLEGE)

### Section 1: Background Data

<b>Unique Outfall ID: OF-11</b>		
<b>Date of Screening:</b> 4/7/21	<b>Time:</b> 5:10 PM	<b>Temp. (°F):</b> 87
<b>Investigators:</b> L. Hixon (H2R Engineering)	<b>Form completed by:</b> Lee F. Hixon, Ph.D.	
<b>Time since last precipitation event (days/hours):</b> 7 days	<b>Depth of previous rainfall (inches):</b> 0.7 in.	
<b>Photo #s:</b> OF-11 (Photo #1 and Photo #2)		
<p><b>Notes (include description of the dominant land uses draining to the outfall):</b> Drainage area predominantly tennis courts and surrounding open turf area. Observation finds areas not very well stabilized with grass, resulting in ability for sediment to be transported downstream during runoff events. Some sediment deposits are seen downstream along edge of creek bed. Recommend stabilization with seeding and mulch around tennis courts. Water, reseed and mulch until 90% surface cover stabilization is established in areas draining to inlet near northeast corner of tennis courts.</p>		

### Section 2: Outfall Description

LOCATION	MATERIAL	CROSS-SECTION (SHAPE)		DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> Concrete <input type="checkbox"/> Corrugated Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: 15"	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully  With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____		Depth: Top Width: Bottom Width:	
<b>Flow Present?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If No, Skip to Section 5</i>				
<b>Flow Description (If present)</b>	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial				

### Section 3: Quantitative Characterization for Flows where Illicit Discharge is Occurring

FIELD DATA FOR FLOWING OUTFALLS			
PARAMETER	RESULT	UNIT	EQUIPMENT
Flow depth		In	Tape measure
Flow width	_____ ' (Top) _____" (Bottom)	Ft	Tape measure

**Section 4: Physical Indicators for Flowing Outfalls Only**

Any Physical Indicators Present in the flow?  Yes  No  No Flow (If No Indicators or No Flow, skip to Section 5)

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint	<input type="checkbox"/> 2 – Easily detected	<input type="checkbox"/> 3 – Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint colors in sample bottle	<input type="checkbox"/> 2 – Clearly visible in sample bottle	<input type="checkbox"/> 3 – Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 – Slight cloudiness	<input type="checkbox"/> 2 – Cloudy	<input type="checkbox"/> 3 – Opaque
Floatables -Does Not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Few/slight; origin not obvious	<input type="checkbox"/> 2 – Some; indications of origin (e.g., possible suds or oil sheen)	<input type="checkbox"/> 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

**Section 5: General Physical Indicators for both Flowing and Non-Flowing Outfalls**

Are physical indicators that are not related to flow present?  Yes  No (If No, Skip to Section 6)

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion <input type="checkbox"/> Other	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input checked="" type="checkbox"/> Other:	Sediment deposits observed just downstream
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

**Section 6: Illicit Discharge Characterization**

**An illicit discharge characterization can generally be defined as described below. However, the investigator shall use best judgement. \***

**Unlikely:** No indicator in Section 4 AND only outfall damage or abnormal vegetation in Section 5.

**Potential:** One indicator in Section 4 with severity index of one OR ≥ one indicator in Section 5, unless outfall damage and abnormal vegetation.

**Suspect:** ≥ one indicator(s) checked in Section 4 with a severity index ≥ two OR > 2 indicators in Section 5.

**Obvious:** ≥ one indicator(s) checked in Section 4 with a severity index of three OR ≥ 3 indicators in Section 5.

**\* If potential, suspect, or obvious illicit discharge, immediately refer to Section 2.5 of DCC's Staff Handbook of Good Housekeeping and Pollution Prevention.**

**Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?**

Additional concerns: Due to some areas around tennis court that drain to outfall and not being stabilized, apparent sediment transport downstream has occurred. See notes on page 1 for remedy.





**OF-11 (Photo 1 of 2)** – Areas around the tennis courts are not stabilized, allowing potential for sediment to be transported via the storm sewer to the creek.





**OF-11 (Photo 2 of 2)** – Sediment deposition along creek bed downstream of outfall.