MPCA MS4 GENERAL PERMIT

MNR040000

EFFECTIVE DATE: NOVEMBER 16, 2020

EXPIRATION DATE: NOVEMBER 15, 2025

COVERAGE GRANTED_____

General Permit

MINNESOTA POLLUTION CONTROL AGENCY

AUTHORIZATION TO DISCHARGE STORMWATER

ASSOCIATED WITH SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS

UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)/

STATE DISPOSAL SYSTEM (SDS) PROGRAM

MNR040000

Permittee: Multiple

General Permit name: Small Municipal Separate Storm Sewer Systems General Permit

Issuance date: November 16, 2020

Expiration date: November 15, 2025

The state of Minnesota, on behalf of its citizens through the Minnesota Pollution Control Agency (MPCA), authorizes the Permittee to operate a small municipal separate storm sewer system (MS4) and to discharge from the small MS4 to receiving waters, in accordance with the requirements of the General Permit.

The goal of the General Permit is to reduce pollutant levels in point source discharges and protect water quality in accordance with the U.S. Clean Water Act, Minnesota statutes and rules, and federal laws and regulations.

The General Permit is effective on the issuance date identified above. The General Permit expires at midnight on the expiration date identified above.

Signature: Dana A. Vanderbosch *for the* Minnesota Pollution Control Agency

This document has been electronically signed.

Dana A. Vanderbosch
Division Director
Municipal Division

If you have questions about the General Permit, including specific permit requirements, permit reporting, or permit compliance status, please contact the MPCA at:

Municipal Stormwater Program
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194
Telephone: 651-296-6300 or toll free in Minnesota: 800-657-3864

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1.1	**Eligibility**. [Minn. R. 7090]
1.2	To be eligible for authorization to discharge stormwater under the Small Municipal Separate Storm Sewer Systems General Permit (General Permit), the applicant must be an owner and/or operator (owner/operator) of a small Municipal Separate Storm Sewer System (MS4) and meet one or more of the criteria requiring permit issuance as specified in Minn. R. 7090.1010. [Minn. R. 7090.1010]
2.1	**Authorized Stormwater Discharges**. [Minn. R. 7090]
2.2	The General Permit authorizes stormwater discharges from small MS4s as defined in 40 CFR 122.26(b)(16). [Minn. R. 7090]
3.1	**Authorized Non-Stormwater Discharges**. [Minn. R. 7090]
3.2	The following categories of non-stormwater discharges or flows are authorized under the General Permit to enter the permittee's small MS4 only if the permittee does not identify them as significant contributors of pollutants (i.e., illicit discharges), in which case the discharges or flows must be addressed in the permittee's Stormwater Pollution Prevention Program (SWPPP): water line flushing, landscape irrigation, diverted stream flows, rising groundwaters, uncontaminated groundwater infiltration (as defined at 40 CFR 35.2005(b)(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, and discharges or flows from firefighting activities. [Minn. R. 7090]
4.1	**Limitations on Authorization**. [Minn. R. 7090]
4.2	The following discharges or activities are not authorized by the General Permit: a. non-stormwater discharges, except those authorized by the permittee in item 3.2; b. discharges of stormwater to the small MS4 from activities requiring a separate NPDES/SDS permit. The General Permit does not replace or satisfy any other permitting requirements; c. the General Permit does not replace or satisfy any environmental review requirements, including those under the Minnesota Environmental Policy Act (Minn. Stat. 116D), or the National Environmental Policy Act (42 U.S.C. 4321 et seq.); d. the General Permit does not replace or satisfy any review requirements for endangered or threatened species, from new or expanded discharges that adversely impact or contribute to adverse impacts on a listed endangered or threatened species, or adversely modify a designated critical habitat; e. the General Permit does not replace or satisfy any review requirements for historic places or archeological sites, from new or expanded discharges which adversely affect properties listed or eligible for listing in the National Register of Historic Places or affecting known or discovered archeological sites; and f. discharges to prohibited outstanding resource value waters pursuant to Minn. R. 7050.0335, Subp. 3. Only the permittee's small MS4 and the portions of the storm sewer system that are under the permittee's operational control are authorized by the General Permit. [Minn. R. 7090]
5.1	**Permit Authorization**. [Minn. R. 7001]
5.2	The applicant must submit a complete application in accordance with Sections 9 through 12 in order to obtain authorization to discharge stormwater from a small MS4 under the General Permit. [Minn. R. 7001]
5.3	The Commissioner reviews the General Permit application for completeness. After review, the Commissioner will do one of the following: a. if an application is determined to be incomplete, the Commissioner will notify the applicant in writing, indicate why the application is incomplete, and request that the applicant resubmit the application; or b. if an application is determined to be complete, the Commissioner will make a preliminary determination as to whether coverage under the General Permit should be issued or denied in accordance with Minn. R. 7001. [Minn. R. 7001]
5.4	The Commissioner provides a public notice with the opportunity for a hearing on the preliminary determination to issue coverage under the General Permit. [Minn. R. 7001]
5.5	Upon receipt of written notification of final approval of the application from the Commissioner, the applicant is authorized to discharge stormwater from the small MS4 under the terms and conditions of the General Permit. [Minn. R. 7001]

6.1	**Transfer of Ownership or Control**. [Minn. R. 7001, Minn. R. 7090.0080]
6.2	Where the ownership or significant operational control of the small MS4 changes after the submittal of an application in accordance with Sections 9 through 12, the new owner/operator must submit a new application in accordance with Sections 9 through 12. [Minn. R. 7090]
7.1	**Issuance of Individual Permits**. [Minn. R. 7001]
7.2	The permit applicant may request an individual permit in accordance with Minn. R. 7001.0210, Subp. 6, for authorization to discharge stormwater associated with a small MS4. [Minn. R. 7001.0210, Subp. 6]
7.3	The Commissioner may require an individual permit for the permit applicant or permittee covered by a general permit, in accordance with Minn. R. 7001.0210, Subp. 6. [Minn. R. 7001.0210, Subp. 6]
8.1	**Rights and Responsibilities**. [Minn. R. 7001, Minn. R. 7090]
8.2	The Commissioner may modify the General Permit or issue other permits, in accordance with Minn. R. 7001, to include more stringent effluent limitations or permit requirements that modify or are in addition to the Minimum Control Measures of the General Permit, or both. These modifications may be based on the Commissioner's determination that such modifications are needed to protect water quality. [Minn. R. 7001]
8.3	The Commissioner may designate additional small MS4s for coverage under the General Permit in accordance with Minn. R. 7090. The owner/operator of a small MS4 that is designated for coverage must comply with the permit requirements by the dates specified in the Commissioner's determination. [Minn. R. 7090]
9.1	**Application for Reissuance**. [Minn. R. 7001]
9.2	If an existing permittee desires to continue permit coverage beyond the expiration date, the permittee must submit an application for permit reissuance : Due by 180 days prior to permit expiration. [Minn. R. 7001.0040, Subp. 3]
10.1	**New Permittee Applicants**. [Minn. R. 7090]
10.2	To become a new permittee authorized to discharge stormwater under the General Permit, the owner/operator of a small MS4 must submit an application, on a form provided by the Agency, in accordance with the schedule in Appendix B, Table 3, and the following requirements: a. submit Part 1 of the permit application (includes the permit application fee); and b. submit Part 2 of the permit application, also known as the Stormwater Pollution Prevention Program (SWPPP) document, in accordance with Section 12. [Minn. R. 7090]
11.1	**Existing Permittee Applicants**. [Minn. R. 7090]
11.2	All existing permittees seeking to continue discharging stormwater associated with a small MS4 after the issuance date of the General Permit must submit Part 2 of the permit application : Due by 150 days after permit issuance. Existing permittees were required to submit Part 1 of the permit application prior to the expiration date (July 31, 2018) of the Agency's small MS4 general permit No.MNR040000, effective August 1, 2013. [Minn. R. 7090]
12.1	**Stormwater Pollution Prevention Program (SWPPP) Document**. [Minn. R. 7090]
12.2	All applicants must submit a SWPPP Document (i.e., Part 2 of the permit application) when seeking coverage under the General Permit. The SWPPP Document will become an enforceable part of the General Permit upon approval by the Agency. Modifications to the SWPPP Document that are required or allowed by the General Permit (see Section 24) will also become enforceable provisions. The applicant must submit the SWPPP Document on a form provided by the Agency. The applicant's SWPPP Document must include items 12.3 through 12.11, as applicable. [Minn. R. 7090]
12.3	The applicant must provide a description of partnerships with another regulated small MS4(s), into which the applicant has entered in order to satisfy one or more requirements of the General Permit. [Minn. R. 7090]
12.4	The applicant must provide a description of each program the applicant has developed and implemented to satisfy the Minimum Control Measure (MCM) requirements, including: a. the Best Management Practices (BMPs) the applicant has implemented for each MCM at the time of application; b. the status of each required component of the program; and c. name(s) of individual(s) or position titles responsible for implementing and/or coordinating each component of the program.

	If the program has not been developed at the time of application (e.g., new permittee applicants), or revised to meet new requirements of the General Permit (e.g., existing permittee applicants); the applicant must satisfy the permit requirements in accordance with the schedule in Appendix B, Table 2 (existing permittee applicants), or Table 3 (new permittee applicants). [Minn. R. 7090]
12.5	The applicant must indicate whether each storm sewer system map requirement of Section 14 is satisfied at the time of application. For each requirement of Section 14 that is not satisfied at the time of application, the applicant must satisfy the permit requirements in accordance with the schedule in Appendix B, Table 2 (existing permittee applicants), or Table 3 (new permittee applicants). [Minn. R. 7090]
12.6	The applicant must provide a description of existing regulatory mechanism(s) the applicant has developed, implemented, and enforced to satisfy the requirements of Sections 18, 19, and 20. At a minimum, the applicant must provide the following information: a. the type(s) of regulatory mechanism(s) the applicant has in place at the time of application that will be used to satisfy the requirements; b. the status of each required component of the regulatory mechanism(s); and c. if available, a website address to the regulatory mechanism(s). If the regulatory mechanism(s) have not been developed at the time of application (e.g., new permittee applicants), or revised to meet new requirements of the General Permit (e.g., existing permittee applicants); the applicant must satisfy the permit requirements in accordance with the schedule in Appendix B, Table 2 (existing permittee applicants), or Table 3 (new permittee applicants). [Minn. R. 7090]
12.7	The applicant must provide a description of existing enforcement response procedures (ERPs) the applicant has developed and implemented that satisfy the ERP requirements of items 18.14, 19.12, and 20.19. If the applicant has not yet developed ERPs (e.g., new permittee applicants), or existing ERPs must be updated to satisfy new requirements, the applicant must satisfy the permit requirements in accordance with the schedule in Appendix B, Table 2 (existing permittee applicants), or Table 3 (new permittee applicants). [Minn. R. 7090]
12.8	The applicant must submit a compliance schedule for each applicable Waste Load Allocation (WLA) not being met for oxygen demand, nitrate, total suspended solids (TSS), and total phosphorus (TP). The applicant may develop a compliance schedule to include multiple WLAs. The applicant's compliance schedule must include the following information: a. proposed BMPs or progress toward implementation of BMPs to be achieved during the permit term; b. the year each BMP is expected to be implemented; c. a target year the applicable WLA(s) will be achieved; and d. if the applicant has an applicable WLA for TSS or TP, a cumulative estimate of TSS and TP load reductions (in pounds) to be achieved during the permit term and the Agency-approved method used to determine the estimate. Agency-approved methods include "Program for Predicting Polluting Particle Passage thru Pits, Puddles, and Ponds (P8) Urban Catchment Model", "Source Loading and Management Model for Windows (WinSLAMM)", "Minimal Impact Design Standards (MIDS) calculator", "Minnesota Pollution Control Agency (MPCA) simple estimator tool", or any other method that receives Agency-approval. [Minn. R. 7090]
12.9	For each applicable WLA where a reduction in pollutant loading is required for bacteria, chloride, and temperature, the applicant must provide a description of any existing BMPs the applicant has developed and implemented to satisfy the requirements of items 22.3 through 22.7, including: a. the BMPs the applicant has implemented for each required component at the time of application; b. the status of each required component; and c. name(s) of individual(s) or position titles responsible for implementing and/or coordinating each required component. If the required components have not been developed at the time of application (e.g., new permittee applicants), or revised to meet new requirements of the General Permit (e.g., existing permittee applicants); the applicant must satisfy the permit requirements in accordance with the schedule in Appendix B, Table 2 (existing permittee applicants), or Table 3 (new permittee applicants). [Minn. R. 7090]

12.10	If the applicant is claiming to meet an applicable WLA where a reduction in pollutant loading is required for oxygen demand, nitrate, TSS, or TP, the applicant must provide documentation to demonstrate the applicable WLA is being met. At a minimum, the applicant must provide the following information: a. a list of all structural stormwater BMPs implemented to achieve the applicable WLA, including the BMP type (e.g., constructed basin, infiltrator, filter, swale or strip, etc.), location in geographic coordinates, owner, and year implemented; and b. documentation using an Agency-approved method, which demonstrates the estimated reductions of oxygen demand (or its surrogate pollutants), nitrate, TSS, or TP from BMPs meet the MS4 WLA reductions included in the TMDL report, if that information is available (e.g., percent reduction or pounds reduced); or c. documentation using an Agency-approved method, which demonstrates the applicant's existing load meets the WLA. [Minn. R. 7090]
12.11	For the requirements of Section 23, alum or ferric chloride phosphorus treatment systems, if applicable, the applicant must submit the following information: a. location of the system in geographic coordinates; b. name(s) of the individual(s) or position titles responsible for the operation of the system; c. information described in item 23.11, if the system is constructed at the time the applicant submits the application to the Agency; d. indicate if the system complies with the requirements in Section 23; and e. if applicable, for each requirement in Section 23 that the applicant's system does not comply with at the time of application, the applicant must bring the system into compliance in accordance with the schedule in Appendix B, Table 2 (existing permittee applicants), or Table 3 (new permittee applicants). [Minn. R. 7090]
13.1	**Stormwater Pollution Prevention Program (SWPPP)**. [Minn. R. 7090]
13.2	The permittee must develop, implement, and enforce a SWPPP designed to reduce the discharge of pollutants from the small MS4 to the Maximum Extent Practicable (MEP) and to protect water quality. Existing permittees regulated within the urbanized area as defined by the United States Census Bureau, the applicable urbanized area for which the permittee must develop, implement, and enforce a SWPPP can be based on the most recent decennial census of 2010 for the duration of the General Permit. [Minn. R. 7090]
13.3	If the permittee enters into a partnership for purposes of meeting SWPPP requirements, the permittee maintains legal responsibility for compliance with the General Permit. [Minn. R. 7090]
13.4	Existing permittees must revise their SWPPP developed under the Agency's small MS4 general permit No.MNR040000 that was effective August 1, 2013, to meet the requirements of the General Permit in accordance with the schedule in Appendix B, Table 2. New permittees must develop, implement, and enforce their SWPPP in accordance with the schedule in Appendix B, Table 3. The permittee's SWPPP must consist of Sections 14 through 23, as applicable. [Minn. R. 7090]
14.1	**Mapping**. [Minn. R. 7090]
14.2	New permittees must develop, and existing permittees must update, as necessary, a storm sewer system map that depicts the following: a. the permittee's entire MS4 as a goal, but at a minimum, all pipes 12 inches or greater in diameter, including stormwater flow direction in those pipes; b. outfalls, including a unique identification (ID) number assigned by the permittee, and an associated geographic coordinates; c. structural stormwater BMPs that are part of the permittee's MS4; and d. all receiving waters. [Minn. R. 7090]
15.1	**Minimum Control Measures (MCMs)**. [Minn. R. 7090.1040]
15.2	The permittee must incorporate the following six MCMs into the SWPPP. [Minn. R. 7090.1040]
16.1	**MCM 1: Public Education and Outreach**. [Minn. R. 7090]
16.2	New permittees must develop and implement, and existing permittees must revise their current program, as necessary, and continue to implement, a public education program to distribute educational materials or equivalent outreach that informs the public of the impact stormwater discharges have on waterbodies and that includes actions citizens, businesses, and

	other local organizations can take to reduce the discharge of pollutants to stormwater. The permittee may use existing materials if they are appropriate for the message the permittee chooses to deliver, or the permittee may develop its own educational materials. The permittee may partner with other MS4 permittees, community groups, watershed management organizations, or other groups to implement its education and outreach program. The permittee must incorporate Section 16 requirements into their program. [Minn. R. 7090]
16.3	During the permit term, the permittee must distribute educational materials or equivalent outreach focused on at least two (2) specifically selected stormwater-related issues of high priority to the permittee (e.g., specific TMDL reduction targets, changing local business practices, promoting adoption of residential BMPs, lake improvements through lake associations, household chemicals, yard waste, etc.). The topics must be different from those described in items 16.4 through 16.6. [Minn. R. 7090]
16.4	At least once each calendar year, the permittee must distribute educational materials or equivalent outreach focused on illicit discharge recognition and reporting illicit discharges to the permittee. [Minn. R. 7090]
16.5	For cities and townships, at least once each calendar year, the permittee must distribute educational materials or equivalent outreach to residents, businesses, commercial facilities, and institutions, focused on the following: a. impacts of deicing salt use on receiving waters; b. methods to reduce deicing salt use; and c. proper storage of salt or other deicing materials. [Minn. R. 7090]
16.6	For cities and townships, at least once each calendar year, the permittee must distribute educational materials or equivalent outreach focused on pet waste. The educational materials or equivalent outreach must include information on the following: a. impacts of pet waste on receiving waters; b. proper management of pet waste; and c. any existing permittee regulatory mechanism(s) for pet waste. [Minn. R. 7090]
16.7	The permittee must develop and implement an education and outreach plan that consists of the following: a. target audience(s) (e.g., residents, businesses, commercial facilities, institutions, and local organizations; consideration should be given to low-income residents, people of color, and non-native English speaking residents. A resource to help identify these areas is available on the Agency's environmental justice website); b. name or position title of responsible person(s) for overall plan implementation; c. specific activities and schedules to reach each target audience; and d. a description of any coordination with and/or use of stormwater education and outreach programs implemented by other entities, if applicable. [Minn. R. 7090]
16.8	The permittee must document the following information: a. a description of all specific stormwater-related issues identified by the permittee in item 16.3; b. all information required under the permittee's education and outreach plan in item 16.7; c. activities held, including dates, to reach each target audience; d. quantities and descriptions of educational materials distributed, including dates distributed; and e. estimated audience (e.g., number of participants, viewers, readers, listeners, etc.) for each completed education and outreach activity. [Minn. R. 7090]
16.9	The permittee must conduct an annual assessment of the public education program to evaluate program compliance, the status of achieving the measurable requirements in Section 16, and determine how the program might be improved. Measurable requirements are activities that must be documented or tracked as applicable to the MCM (e.g., education and outreach efforts, implementation of written plans, etc.). The permittee must perform the annual assessment prior to completion of each annual report and document any modifications made to the program as a result of the annual assessment. [Minn. R. 7090]
17.1	**MCM 2: Public Participation/Involvement**. [Minn. R. 7090]
17.2	New permittees must develop and implement, and existing permittees must revise their current program, as necessary, and continue to implement, a Public Participation/Involvement program to solicit public input on the SWPPP and involve the public in activities that improve or protect water quality. The permittee must incorporate Section 17 requirements into

	their program. [Minn. R. 7090]
17.3	Each calendar year, the permittee must provide a minimum of one (1) opportunity for the public to provide input on the adequacy of the SWPPP. The permittee may conduct a public meeting(s) to satisfy this requirement, provided appropriate local public notice requirements are followed and the public is given the opportunity to review and comment on the SWPPP. [Minn. R. 7090]
17.4	The permittee must provide access to the SWPPP Document, annual reports, and other documentation that supports or describes the SWPPP (e.g., regulatory mechanism(s), etc.) for public review, upon request. All public data requests are subject to the Minnesota Government Data Practices Act, Minn. Stat. 13. [Minn. Stat. 13]
17.5	The permittee must consider oral and written input regarding the SWPPP submitted by the public to the permittee. [Minn. R. 7090]
17.6	Each calendar year, the permittee must provide a minimum of one (1) public involvement activity that includes a pollution prevention or water quality theme (e.g., rain barrel distribution event, rain garden workshop, cleanup event, storm drain stenciling, volunteer water quality monitoring, adopt a storm drain program, household hazardous waste collection day, etc.). [Minn. R. 7090]
17.7	The permittee must document the following information: a. all relevant written input submitted by persons regarding the SWPPP; b. all responses from the permittee to written input received regarding the SWPPP, including any modifications made to the SWPPP as a result of the written input received; c. date(s), location(s), and estimated number of participants at events held for purposes of compliance with item 17.3; d. notices provided to the public of any events scheduled to meet item 17.3, including any electronic correspondence (e.g., website, e-mail distribution lists, notices, etc.); and e. date(s), location(s), description of activities, and estimated number of participants at events held for the purpose of compliance with item 17.6. [Minn. R. 7090]
17.8	The permittee must conduct an annual assessment of the Public Participation/Involvement program to evaluate program compliance, the status of achieving the measurable requirements in Section 17, and determine how the program might be improved. Measurable requirements are activities that must be documented or tracked as applicable to the MCM (e.g., public input and involvement opportunities, etc.). The permittee must perform the annual assessment prior to completion of each annual report and document any modifications made to the program as a result of the annual assessment. [Minn. R. 7090]
18.1	**MCM 3: Illicit Discharge Detection and Elimination (IDDE)**. [Minn. R. 7090]
18.2	New permittees must develop, implement, and enforce, and existing permittees must revise their current program as necessary, and continue to implement and enforce, a program to detect and eliminate illicit discharges into the MS4. The permittee must incorporate Section 18 requirements into their program. [Minn. R. 7090]
18.3	The permittee must maintain a map of the permittee's MS4, as required in Section 14. [Minn. R. 7090]
18.4	To the extent allowable under state or local law, the permittee must develop, implement, and enforce a regulatory mechanism(s) that prohibits non-stormwater discharges into the permittee's MS4, except those non-stormwater discharges authorized in item 3.2. A regulatory mechanism(s) for the purposes of the General Permit may consist of contract language, an ordinance, permits, standards, written policies, operational plans, legal agreements, or any other mechanism, that will be enforced by the permittee. The regulatory mechanism(s) must also include items 18.5 and 18.6, as applicable. [Minn. R. 7090]
18.5	For cities, townships, and counties, the permittee's regulatory mechanism(s) must require owners or custodians of pets to remove and properly dispose of feces on permittee owned land areas. [Minn. R. 7090]
18.6	For cities and townships, the permittee's regulatory mechanism(s) must require proper salt storage at commercial, institutional, and non-NPDES permitted industrial facilities. At a minimum, the regulatory mechanism(s) must require the following: a. designated salt storage areas must be covered or indoors; b. designated salt storage areas must be located on an impervious surface; and c. implementation of practices to reduce exposure when transferring material in designated salt storage areas (e.g., sweeping, diversions, and/or containment). [Minn. R. 7090]

18.7	The permittee must incorporate illicit discharge detection into all inspection and maintenance activities conducted in items 21.9, 21.10, and 21.11. Where feasible, the permittee must conduct illicit discharge inspections during dry-weather conditions (e.g., periods of 72 or more hours of no precipitation). [Minn. R. 7090]
18.8	At least once each calendar year, the permittee must train all field staff in illicit discharge recognition (including conditions which could cause illicit discharges), and reporting illicit discharges for further investigation. Field staff includes, but is not limited to, police, fire department, public works, and parks staff. Training for this specific requirement may include, but is not limited to, videos, in-person presentations, webinars, training documents, and/or emails. [Minn. R. 7090]
18.9	The permittee must ensure that individuals receive training commensurate with their responsibilities as they relate to the permittee's IDDE program. Individuals includes, but is not limited to, individuals responsible for investigating, locating, eliminating illicit discharges, and/or enforcement. The permittee must ensure that previously trained individuals attend a refresher-training every three (3) calendar years following the initial training. [Minn. R. 7090]
18.10	The permittee must maintain a written or mapped inventory of priority areas the permittee identifies as having a higher likelihood for illicit discharges. At a minimum, the permittee must evaluate the following for potential inclusion in the inventory: a. land uses associated with business/industrial activities; b. areas where illicit discharges have been identified in the past; and c. areas with storage of significant materials that could result in an illicit discharge. [Minn. R. 7090]
18.11	To the extent allowable under state or local law, the permittee must conduct additional illicit discharge inspections in areas identified in item 18.10. [Minn. R. 7090]
18.12	The permittee must implement written procedures for investigating, locating, and eliminating the source of illicit discharges. At a minimum, the written procedures must include: a. a timeframe in which the permittee will investigate a reported illicit discharge; b. use of visual inspections to detect and track the source of an illicit discharge; c. tools available to the permittee to investigate and locate an illicit discharge (e.g., mobile cameras, collecting and analyzing water samples, smoke testing, dye testing, etc.); d. cleanup methods available to the permittee to remove an illicit discharge or spill; and e. name or position title of responsible person(s) for investigating, locating, and eliminating an illicit discharge. [Minn. R. 7090]
18.13	The permittee must implement written procedures for responding to spills, including emergency response procedures to prevent spills from entering the MS4. The written procedures must also include the immediate notification of the Minnesota Department of Public Safety Duty Officer at 1-800-422-0798 (toll free) or 651-649-5451 (Metro area), if the source of the illicit discharge is a spill or leak as defined in Minn. Stat. 115.061. [Minn. R. 7090]
18.14	The permittee must maintain written enforcement response procedures (ERPs) to compel compliance with the permittee's regulatory mechanism(s) in Section 18. At a minimum, the written ERPs must include: a. a description of enforcement tools available to the permittee and guidelines for the use of each tool; b. timeframes to complete corrective actions; and c. name or position title of responsible person(s) for conducting enforcement. [Minn. R. 7090]
18.15	The permittee must document the following information: a. date(s) and location(s) of IDDE inspections conducted in accordance with items 18.7 and 18.11; b. reports of alleged illicit discharges received, including date(s) of the report(s), and any follow-up action(s) taken by the permittee; c. date(s) of discovery of all illicit discharges; d. identification of outfalls, or other areas, where illicit discharges have been discovered; e. sources (including a description and the responsible party) of illicit discharges (if known); and f. action(s) taken by the permittee, including date(s), to address discovered illicit discharges. [Minn. R. 7090]
18.16	For each training in item 18.8 and 18.9, the permittee must document:

	a. general subject matter covered; b. names and departments of individuals in attendance; and c. date of each event. [Minn. R. 7090]
18.17	The permittee must document any enforcement conducted pursuant to the ERPs in item 18.14, including verbal warnings. At a minimum, the permittee must document the following: a. name of the person responsible for violating the terms and conditions of the permittee's regulatory mechanism(s); b. date(s) and location(s) of the observed violation(s); c. description of the violation(s); d. corrective action(s) (including completion schedule) issued by the permittee; e. referrals to other regulatory organizations (if any); and f. date(s) violation(s) resolved. [Minn. R. 7090]
18.18	The permittee must conduct an annual assessment of the IDDE program to evaluate program compliance, the status of achieving the measurable requirements in Section 18, and determine how the program might be improved. Measurable requirements are activities that must be documented or tracked as applicable to the MCM (e.g., trainings, inventory, inspections, enforcement, etc.). The permittee must perform the annual assessment prior to completion of each annual report and document any modifications made to the program as a result of the annual assessment. [Minn. R. 7090]
19.1	**MCM 4: Construction Site Stormwater Runoff Control**. [Minn. R. 7090]
19.2	New permittees must develop, implement, and enforce, and existing permittees must revise their current program, as necessary, and continue to implement and enforce, a Construction Site Stormwater Runoff Control program. The program must address construction activity with a land disturbance of greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, within the permittee's jurisdiction and that discharge to the permittee's MS4. The permittee must incorporate Section 19 requirements into their program. [Minn. R. 7090]
19.3	To the extent allowable under state or local law, the permittee must develop, implement, and enforce a regulatory mechanism(s) that establishes requirements for erosion, sediment, and waste controls that is at least as stringent as the Agency's most current Construction Stormwater General Permit (MNR100001), herein referred to as the CSW Permit. A regulatory mechanism(s) for the purposes of the General Permit may consist of contract language, an ordinance, permits, standards, written policies, operational plans, legal agreements, or any other mechanism, that will be enforced by the permittee. [Minn. R. 7090]
19.4	When the CSW Permit is reissued, the permittee must revise their regulatory mechanism(s), if necessary, within 12 months of the issuance date of that permit, to be at least as stringent as the requirements for erosion, sediment, and waste controls described in the CSW Permit. [Minn. R. 7090]
19.5	The permittee's regulatory mechanism(s) must require that owners and operators of construction activity develop site plans that must be submitted to the permittee for review and confirmation that regulatory mechanism(s) requirements have been met, prior to the start of construction activity. The regulatory mechanism(s) must require the owners and operators of construction activity to keep site plans up-to-date with regard to stormwater runoff controls. The regulatory mechanism(s) must require that site plans incorporate the following erosion, sediment, and waste controls that are at least as stringent as described in the CSW Permit: a. erosion prevention practices; b. sediment control practices; c. dewatering and basin draining; d. inspection and maintenance; e. pollution prevention management measures; f. temporary sediment basins; and g. termination conditions. [Minn. R. 7090]
19.6	The permittee must implement written procedures for site plan reviews conducted by the permittee prior to the start of all construction activity, to ensure compliance with requirements of the regulatory mechanism(s). At a minimum, the procedures must include: a. written notification to owners and operators proposing construction activity, including projects less than one acre that

	are part of a larger common plan of development or sale, of the need to apply for and obtain coverage under the CSW Permit; and b. use of a written checklist, consistent with the requirements of the regulatory mechanism(s), to document the adequacy of each site plan required in item 19.5. [Minn. R. 7090]
19.7	The permittee must implement an inspection program that includes written procedures for conducting site inspections, to determine compliance with the permittee's regulatory mechanism(s). The inspection program must also meet the requirements in items 19.8 and 19.9. [Minn. R. 7090]
19.8	The permittee must maintain written procedures for identifying high-priority and low-priority sites for inspection. At a minimum, the written procedures must include: a. a detailed explanation describing how sites will be categorized as either high-priority or low-priority; b. a frequency at which the permittee will conduct inspections for high-priority sites; c. a frequency at which the permittee will conduct inspections for low-priority sites; and d. the name(s) of individual(s) or position title(s) responsible for conducting site inspections. [Minn. R. 7090]
19.9	The permittee must implement a written checklist to document each site inspection when determining compliance with the permittee's regulatory mechanism(s). At a minimum, the checklist must include the permittee's inspection findings on the following areas, as applicable to each site: a. stabilization of exposed soils (including stockpiles); b. stabilization of ditch and swale bottoms; c. sediment control BMPs on all downgradient perimeters of the project and upgradient of buffer zones; d. storm drain inlet protection; e. energy dissipation at pipe outlets; f. vehicle tracking BMPs; g. preservation of a 50 foot natural buffer or redundant sediment controls where stormwater flows to a surface water within 50 feet of disturbed soils; h. owner/operator of construction activity self-inspection records; i. containment for all liquid and solid wastes generated by washout operations (e.g., concrete, stucco, paint, form release oils, curing compounds, and other construction materials); and j. BMPs maintained and functional. [Minn. R. 7090]
19.10	The permittee must implement written procedures for receipt and consideration of reports of noncompliance or other stormwater related information on construction activity submitted by the public to the permittee. [Minn. R. 7090]
19.11	The permittee must ensure that individuals receive training commensurate with their responsibilities as they relate to the permittee's Construction Site Stormwater Runoff Control program. Individuals includes, but is not limited to, individuals responsible for conducting site plan reviews, site inspections, and/or enforcement. The permittee must ensure that previously trained individuals attend a refresher-training every three (3) calendar years following the initial training. [Minn. R. 7090]
19.12	The permittee must maintain written enforcement response procedures (ERPs) to compel compliance with the permittee's regulatory mechanism(s) in item 19.3. At a minimum, the written ERPs must include: a. a description of enforcement tools available to the permittee and guidelines for the use of each tool; and b. name or position title of responsible person(s) for conducting enforcement. [Minn. R. 7090]
19.13	For each site plan review conducted by the permittee, the permittee must document the following: a. project name; b. location; c. total acreage to be disturbed; d. owner and operator of the proposed construction activity; e. proof of notification to obtain coverage under the CSW Permit, as required in item 19.6, or proof of coverage under the CSW Permit; and f. any stormwater related comments and supporting completed checklist, as required in item 19.6, used by the permittee to determine project approval or denial. [Minn. R. 7090]

19.14	For each training in item 19.11, the permittee must document: a. general subject matter covered; b. names and departments of individuals in attendance; and c. date of each event. [Minn. R. 7090]
19.15	The permittee must document any enforcement conducted pursuant to the ERPs in item 19.12, including verbal warnings. At a minimum, the permittee must document the following: a. name of the person responsible for violating the terms and conditions of the permittee's regulatory mechanism(s); b. date(s) and location(s) of the observed violation(s); c. description of the violation(s); d. corrective action(s) (including completion schedule) issued by the permittee; e. referrals to other regulatory organizations (if any); and f. date(s) violation(s) resolved. [Minn. R. 7090]
19.16	The permittee must conduct an annual assessment of the Construction Site Stormwater Runoff Control program to evaluate program compliance, the status of achieving the measurable requirements in Section 19, and determine how the program might be improved. Measurable requirements are activities that must be documented or tracked as applicable to the MCM (e.g., inventory, trainings, site plan reviews, inspections, enforcement, etc.). The permittee must perform the annual assessment prior to completion of each annual report and document any modifications made to the program as a result of the annual assessment. [Minn. R. 7090]
20.1	**MCM 5: Post-Construction Stormwater Management**. [Minn. R. 7090]
20.2	New permittees must develop, implement, and enforce, and existing permittees must revise their current program, as necessary, and continue to implement and enforce, a Post-Construction Stormwater Management program that prevents or reduces water pollution after construction activity is completed. The program must address construction activity with land disturbance of greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, within the permittee's jurisdiction and that discharge to the permittee's MS4. The permittee must incorporate Section 20 requirements into their program. [Minn. R. 7090]
20.3	To the extent allowable under state or local law, the permittee must develop, implement, and enforce a regulatory mechanism(s) that incorporates items 20.4 through 20.15. A regulatory mechanism(s) for the purposes of the General Permit may consist of contract language, an ordinance, permits, standards, written policies, operational plans, legal agreements, or any other mechanism, that will be enforced by the permittee. [Minn. R. 7090]
20.4	The permittee's regulatory mechanism(s) must require owners of construction activity to submit site plans with post-construction stormwater management BMPs designed with accepted engineering practices to the permittee for review and confirmation that regulatory mechanism(s) requirements have been met, prior to start of construction activity. [Minn. R. 7090]
20.5	The permittee's regulatory mechanism(s) must require owners of construction activity to treat the water quality volume on any project where the sum of the new impervious surface and the fully reconstructed impervious surface equals one or more acres. [Minn. R. 7090]
20.6	For construction activity (excluding linear projects), the water quality volume must be calculated as one (1) inch times the sum of the new and the fully reconstructed impervious surface. [Minn. R. 7090]
20.7	For linear projects, the water quality volume must be calculated as the larger of one (1) inch times the new impervious surface or one-half (0.5) inch times the sum of the new and the fully reconstructed impervious surface. Where the entire water quality volume cannot be treated within the existing right-of-way, a reasonable attempt to obtain additional right-of-way, easement, or other permission to treat the stormwater during the project planning process must be made. Volume reduction practices must be considered first, as described in item 20.8. Volume reduction practices are not required if the practices cannot be provided cost effectively. If additional right-of-way, easements, or other permission cannot be obtained, owners of construction activity must maximize the treatment of the water quality volume prior to discharge from the MS4. [Minn. R. 7090]
20.8	Volume reduction practices (e.g., infiltration or other) to retain the water quality volume on-site must be considered first when designing the permanent stormwater treatment system. The General Permit does not consider wet sedimentation basins and filtration systems to be volume reduction practices. If the General Permit prohibits infiltration as described in

	item 20.9, other volume reduction practices, a wet sedimentation basin, or filtration basin may be considered. [Minn. R. 7090]
20.9	Infiltration systems must be prohibited when the system would be constructed in areas: a. that receive discharges from vehicle fueling and maintenance areas, regardless of the amount of new and fully reconstructed impervious surface; b. where high levels of contaminants in soil or groundwater may be mobilized by the infiltrating stormwater. To make this determination, the owners and/or operators of construction activity must complete the Agency's site screening assessment checklist, which is available in the Minnesota Stormwater Manual, or conduct their own assessment. The assessment must be retained with the site plans; c. where soil infiltration rates are more than 8.3 inches per hour unless soils are amended to slow the infiltration rate below 8.3 inches per hour; d. with less than three (3) feet of separation distance from the bottom of the infiltration system to the elevation of the seasonally saturated soils or the top of bedrock; e. of predominately Hydrologic Soil Group D (clay) soils; f. in an Emergency Response Area (ERA) within a Drinking Water Supply Management Area (DWSMA) as defined in Minn. R. 4720.5100, Subp. 13, classified as high or very high vulnerability as defined by the Minnesota Department of Health; g. in an ERA within a DWSMA classified as moderate vulnerability unless the permittee performs or approves a higher level of engineering review sufficient to provide a functioning treatment system and to prevent adverse impacts to groundwater; h. outside of an ERA within a DWSMA classified as high or very high vulnerability unless the permittee performs or approves a higher level of engineering review sufficient to provide a functioning treatment system and to prevent adverse impacts to groundwater; i. within 1,000 feet up-gradient or 100 feet down gradient of active karst features; or j. that receive stormwater runoff from these types of entities regulated under NPDES for industrial stormwater: automobile salvage yards; scrap recycling and waste recycling facilities; hazardous waste treatment, storage, or disposal facilities; or air transportation facilities that conduct deicing activities. See "higher level of engineering review" in the Minnesota Stormwater Manual for more information. [Minn. R. 7090]
20.10	For non-linear projects, where the water quality volume cannot cost effectively be treated on the site of the original construction activity, the permittee must identify, or may require owners of the construction activity to identify, locations where off-site treatment projects can be completed. If the entire water quality volume is not addressed on the site of the original construction activity, the remaining water quality volume must be addressed through off-site treatment and, at a minimum, ensure the requirements of items 20.11 through 20.14 are met. [Minn. R. 7090]
20.11	The permittee must ensure off-site treatment project areas are selected in the following order of preference: a. locations that yield benefits to the same receiving water that receives runoff from the original construction activity; b. locations within the same Department of Natural Resource (DNR) catchment area as the original construction activity; c. locations in the next adjacent DNR catchment area up-stream; or d. locations anywhere within the permittee's jurisdiction. [Minn. R. 7090]
20.12	Off-site treatment projects must involve the creation of new structural stormwater BMPs or the retrofit of existing structural stormwater BMPs, or the use of a properly designed regional structural stormwater BMP. Routine maintenance of structural stormwater BMPs already required by the General Permit cannot be used to meet this requirement. [Minn. R. 7090]
20.13	Off-site treatment projects must be completed no later than 24 months after the start of the original construction activity. If the permittee determines more time is needed to complete the treatment project, the permittee must provide the reason(s) and schedule(s) for completing the project in the annual report. [Minn. R. 7090]
20.14	If the permittee receives payment from the owner of a construction activity for off-site treatment, the permittee must apply any such payment received to a public stormwater project, and all projects must comply with the requirements in items 20.11 through 20.13. [Minn. R. 7090]
20.15	The permittee's regulatory mechanism(s) must include the establishment of legal mechanism(s) between the permittee and owners of structural stormwater BMPs not owned or operated by the permittee, that have been constructed to meet the requirements in Section 20. The legal mechanism(s) must include provisions that, at a minimum:

	a. allow the permittee to conduct inspections of structural stormwater BMPs not owned or operated by the permittee, perform necessary maintenance, and assess costs for those structural stormwater BMPs when the permittee determines the owner of that structural stormwater BMP has not ensured proper function; b. are designed to preserve the permittee's right to ensure maintenance responsibility, for structural stormwater BMPs not owned or operated by the permittee, when those responsibilities are legally transferred to another party; and c. are designed to protect/preserve structural stormwater BMPs. If structural stormwater BMPs change, causing decreased effectiveness, new, repaired, or improved structural stormwater BMPs must be implemented to provide equivalent treatment to the original BMP. [Minn. R. 7090]
20.16	The permittee must maintain a written or mapped inventory of structural stormwater BMPs not owned or operated by the permittee that meet all of the following criteria: a. the structural stormwater BMP includes an executed legal mechanism(s) between the permittee and owners responsible for the long-term maintenance, as required in item 20.15; and b. the structural stormwater BMP was implemented on or after August 1, 2013. [Minn. R. 7090]
20.17	The permittee must implement written procedures for site plan reviews conducted by the permittee prior to the start of construction activity, to ensure compliance with requirements of the permittee's regulatory mechanism(s). [Minn. R. 7090]
20.18	The permittee must ensure that individuals receive training commensurate with their responsibilities as they relate to the permittee's Post-Construction Stormwater Management program. Individuals includes, but is not limited to, individuals responsible for conducting site plan reviews and/or enforcement. The permittee must ensure that previously trained individuals attend a refresher-training every three (3) calendar years following the initial training. [Minn. R. 7090]
20.19	The permittee must maintain written enforcement response procedures (ERPs) to compel compliance with the permittee's regulatory mechanism(s) required in Section 20. At a minimum, the written ERPs must include: a. a description of enforcement tools available to the permittee and guidelines for the use of each tool; and b. name or position title of responsible person(s) for conducting enforcement. [Minn. R. 7090]
20.20	For each site plan review conducted by the permittee, the permittee must document the following: a. supporting documentation used to determine compliance with Section 20 of the General Permit, including any calculations for the permanent stormwater treatment system; b. the water quality volume that will be treated through volume reduction practices (e.g., infiltration or other) compared to the total water quality volume required to be treated; c. documentation associated with off-site treatment projects authorized by the permittee, including rationale to support the location of permanent stormwater treatment projects in accordance with items 20.10 and 20.11; d. payments received and used in accordance with item 20.14; and e. all legal mechanisms drafted in accordance with item 20.15, including date(s) of the agreement(s) and name(s) of all responsible parties involved. [Minn. R. 7090]
20.21	For each training in item 20.18, the permittee must document: a. general subject matter covered; b. names and departments of individuals in attendance; and c. date of each event. [Minn. R. 7090]
20.22	The permittee must document any enforcement conducted pursuant to the ERPs in item 20.19, including verbal warnings. At a minimum, the permittee must document the following: a. name of the person responsible for violating the terms and conditions of the permittee's regulatory mechanism(s); b. date(s) and location(s) of the observed violation(s); c. description of the violation(s); d. corrective action(s) (including completion schedule) issued by the permittee; e. referrals to other regulatory organizations (if any); and f. date(s) violation(s) resolved. [Minn. R. 7090]
20.23	The permittee must conduct an annual assessment of the Post-Construction Stormwater Management program to evaluate

	program compliance, the status of achieving the measurable requirements in Section 20, and determine how the program might be improved. Measurable requirements are activities that must be documented or tracked as applicable to the MCM (e.g., inventory, trainings, site plan reviews, inspections, enforcement, etc.). The permittee must perform the annual assessment prior to completion of each annual report and document any modifications made to the program as a result of the annual assessment. [Minn. R. 7090]
21.1	**MCM 6: Pollution Prevention/Good Housekeeping For Municipal Operations**. [Minn. R. 7090]
21.2	New permittees must develop and implement, and existing permittees must revise their current program, as necessary, and continue to implement, an operations and maintenance program that prevents or reduces the discharge of pollutants to the MS4 from permittee owned/operated facilities and operations. The permittee must incorporate Section 21 requirements into their program. [Minn. R. 7090]
21.3	The permittee must maintain a written or mapped inventory of permittee owned/operated facilities that contribute pollutants to stormwater discharges. The permittee must implement BMPs that prevent or reduce pollutants in stormwater discharges from all inventoried facilities. Facilities to be inventoried may include, but is not limited to: a. composting; b. equipment storage and maintenance; c. hazardous waste disposal; d. hazardous waste handling and transfer; e. landfills; f. solid waste handling and transfer; g. parks; h. pesticide storage; i. public parking lots; j. public golf courses; k. public swimming pools; l. public works yards; m. recycling; n. salt storage; o. snow storage; p. vehicle storage and maintenance (e.g., fueling and washing) yards; and q. materials storage yards. [Minn. R. 7090]
21.4	The permittee must implement BMPs that prevent or reduce pollutants in stormwater discharges from the following municipal operations that may contribute pollutants to stormwater discharges, where applicable: a. waste disposal and storage, including dumpsters; b. management of temporary and permanent stockpiles of materials such as street sweepings, snow, sand and sediment removal piles (e.g., effective sediment controls at the base of stockpiles on the downgradient perimeter); c. vehicle fueling, washing, and maintenance; d. routine street and parking lot sweeping; e. emergency response; f. cleaning of maintenance equipment, building exteriors, dumpsters, and the disposal of associated waste and wastewater; g. use, storage, and disposal of significant materials; h. landscaping, park, and lawn maintenance; i. road maintenance, including pothole repair, road shoulder maintenance, pavement marking, sealing, and repaving; j. right-of-way maintenance, including mowing; and k. application of herbicides, pesticides, and fertilizers. [Minn. R. 7090]
21.5	The permittee must implement the following BMPs at permittee owned/operated salt storage areas: a. cover or store salt indoors; b. store salt on an impervious surface; and c. implement practices to reduce exposure when transferring material from salt storage areas (e.g., sweeping, diversions, and/or containment). [Minn. R. 7090]

21.6	The permittee must implement a written snow and ice management policy for individuals that perform winter maintenance activities for the permittee. The policy must establish practices and procedures for snow and ice control operations (e.g., plowing or other snow removal practices, sand use, and application of deicing compounds). [Minn. R. 7090]
21.7	Each calendar year, the permittee must ensure all individuals that perform winter maintenance activities for the permittee receive training that includes: a. the importance of protecting water quality; b. BMPs to minimize the use of deicers (e.g., proper calibration of equipment and benefits of pretreatment, pre-wetting, and anti-icing); and c. tools and resources to assist in winter maintenance (e.g., deicing application rate guidelines, calibration charts, Smart Salting Assessment Tool). The permittee may use training materials from the Agency's Smart Salting training or other organizations to meet this requirement. [Minn. R. 7090]
21.8	The permittee must maintain written procedures for the purpose of determining the TSS and TP treatment effectiveness of all permittee owned/operated ponds constructed and used for the collection and treatment of stormwater. [Minn. R. 7090]
21.9	The permittee must inspect structural stormwater BMPs (excluding stormwater ponds, which are under a separate schedule below) each calendar year to determine structural integrity, proper function, and maintenance needs unless the permittee determines either of the following conditions apply: a. complaints received or patterns of maintenance indicate a greater frequency is necessary; or b. maintenance or sediment removal is not required after completion of the first two calendar year inspections; in which case the permittee may reduce the frequency of inspections to once every two (2) calendar years. [Minn. R. 7090]
21.10	Prior to the expiration date of the General Permit, the permittee must conduct at least one inspection of all ponds and outfalls (excluding underground outfalls) in order to determine structural integrity, proper function, and maintenance needs. [Minn. R. 7090]
21.11	Based on inspection findings, the permittee must determine if repair, replacement, or maintenance measures are necessary in order to ensure the structural integrity and proper function of structural stormwater BMPs and outfalls. The permittee must complete necessary maintenance as soon as possible. If the permittee determines necessary maintenance cannot be completed within one year of discovery, the permittee must document a schedule(s) for completing the maintenance. [Minn. R. 7090]
21.12	The permittee must implement a stormwater management training program commensurate with individual's responsibilities as they relate to the permittee's SWPPP, including reporting and assessment activities. The permittee may use training materials from the United States Environmental Protection Agency (USEPA), state and regional agencies, or other organizations as appropriate to meet this requirement. The training program must: a. address the importance of protecting water quality; b. cover the requirements of the permit relevant to the responsibilities of the individual not already addressed in items 18.8, 18.9, 19.11, 20.18, and 21.7; and c. include a schedule that establishes initial training for individuals, including new and/or seasonal employees, and recurring training intervals to address changes in procedures, practices, techniques, or requirements. [Minn. R. 7090]
21.13	The permittee must document the following information associated with the operations and maintenance program: a. date(s) and description of findings, including whether or not an illicit discharge is detected, for all inspections conducted in accordance with items 21.9 and 21.10; b. any adjustments to inspection frequency as authorized in item 21.9; c. date(s) and a description of maintenance conducted as a result of inspection findings, including whether or not an illicit discharge is detected; d. schedule(s) for maintenance of structural stormwater BMPs and outfalls as required in item 21.11; and e. stormwater management training events, including general subject matter covered, names and departments of individuals in attendance, and date of each event. [Minn. R. 7090]
21.14	The permittee must document pond sediment excavation and removal activities, including:

	a. a unique ID number and geographic coordinates of each stormwater pond from which sediment is removed; b. the volume (e.g., cubic yards) of sediment removed from each stormwater pond; c. results from any testing of sediment from each removal activity; and d. location(s) of final disposal of sediment from each stormwater pond. [Minn. R. 7090]
21.15	The permittee must conduct an annual assessment of the operations and maintenance program to evaluate program compliance, the status of achieving the measurable requirements in Section 21, and determine how the program might be improved. Measurable requirements are activities that must be documented or tracked as applicable to the MCM (e.g., inventory, trainings, inspections, maintenance activities, etc.). The permittee must perform the annual assessment prior to completion of each annual report and document any modifications made to the program as a result of the annual assessment. [Minn. R. 7090]
22.1	**Discharges to Impaired Waters with a USEPA-Approved TMDL that Includes an Applicable WLA**. [Minn. R. 7090]
22.2	If the permittee has an applicable WLA not being met for oxygen demand, nitrate, TSS, or TP, the permittee must provide a summary of the permittee's progress toward achieving those applicable WLAs with the annual report. The summary must include the following information: a. a list of all BMPs applied towards achieving applicable WLAs for oxygen demand, nitrate, TSS, and TP; b. the implementation status of BMPs included in the compliance schedule at the time of final application submittal; and c. an updated estimate of cumulative TSS and TP load reductions. [Minn. R. 7090]
22.3	If the permittee has an applicable WLA where a reduction in pollutant loading is required for bacteria, the permittee must maintain a written or mapped inventory of potential areas and sources of bacteria (e.g., dense populations of waterfowl or other bird, dog parks). [Minn. R. 7090]
22.4	If the permittee has an applicable WLA where a reduction in pollutant loading is required for bacteria, the permittee must maintain a written plan to prioritize reduction activities to address the areas and sources identified in the inventory in item 22.3. The written plan must include BMPs the permittee will implement over the permit term, which may include, but is not limited to: a. water quality monitoring to determine areas of high bacteria loading; b. installation of pet waste pick-up bags in parks and open spaces; c. elimination of over-spray irrigation that may occur at permittee owned areas; d. removal of organic matter via street sweeping; e. implementation of infiltration structural stormwater BMPs; or f. management of areas that attract dense populations of waterfowl (e.g., riparian plantings). [Minn. R. 7090]
22.5	If the permittee has an applicable WLA where a reduction in pollutant loading is required for chloride, the permittee must document the amount of deicer applied each winter maintenance season to all permittee owned/operated surfaces. [Minn. R. 7090]
22.6	If the permittee has an applicable WLA where a reduction in pollutant loading is required for chloride, each calendar year the permittee must conduct an assessment of the permittee's winter maintenance operations to reduce the amount of deicing salt applied to permittee owned/operated surfaces and determine current and future opportunities to improve BMPs. The permittee may use the Agency's Smart Salting Assessment Tool or other available resources and methods to complete this assessment. The permittee must document the assessment. The assessment may include, but is not limited to: a. operational changes such as pre-wetting, pre-treating the salt stockpile, increasing plowing prior to deicing, monitoring of road surface temperature, etc.; b. implementation of new or modified equipment providing pre-wetting, or other capability for minimizing salt use; c. regular calibration of equipment; d. optimizing mechanical removal to reduce use of deicers; or e. designation of no salt and/or low salt zones. [Minn. R. 7090]
22.7	If the permittee has an applicable WLA where a reduction in pollutant loading is required for temperature (i.e., City of Duluth, City of Hermantown, City of Rice Lake, City of Stillwater, MnDOT Outstate, St. Louis County, University of Minnesota - Duluth, and Lake Superior College), the permittee must maintain a written plan that identifies specific activities the

	permittee will implement to reduce thermal loading during the permit term. The written plan may include, but is not limited to: a. implementation of infiltration BMPs such as bioinfiltration practices; b. disconnection and/or reduction of impervious surfaces; c. retrofitting existing structural stormwater BMPs; or d. improvement of riparian vegetation. [Minn. R. 7090]
23.1	**Alum or Ferric Chloride Phosphorus Treatment Systems**. [Minn. R. 7090]
23.2	If the permittee uses an alum or ferric chloride phosphorus treatment system, the permittee must comply with Section 23 requirements. [Minn. R. 7090]
23.3	The permittee's alum or ferric chloride phosphorus treatment system must comply with the following: a. the permittee must use the treatment system for the treatment of phosphorus in stormwater. Non-stormwater discharges must not be treated by this system; b. the treatment system must be contained within the conveyances and structural stormwater BMPs of the MS4. The utilized conveyances and structural stormwater BMPs must not include any receiving waters; c. phosphorus treatment systems utilizing chemicals other than alum or ferric chloride must receive written approval from the Agency; and d. in-lake phosphorus treatment activities are not authorized under the General Permit. [Minn. R. 7090]
23.4	The permittee's alum or ferric chloride phosphorus treatment system must meet the following design parameters: a. the treatment system must be constructed in a manner that diverts the stormwater flow to be treated from the main conveyance system; b. a high flow bypass must be part of the inlet design; and c. a flocculant storage/settling area must be incorporated into the design, and adequate maintenance access must be provided (minimum of 8 feet wide) for the removal of accumulated sediment. [Minn. R. 7090]
23.5	A designated person must perform visual monitoring of the treatment system for proper performance at least once every seven (7) days, and within 24 hours after a rainfall event greater than 2.5 inches in 24 hours. Following visual monitoring which occurs within 24 hours after a rainfall event, the next visual monitoring must be conducted within seven (7) days after that rainfall event. [Minn. R. 7090]
23.6	Three (3) benchmark monitoring stations must be established. Table 1 in Appendix A must be used for the parameters, units of measure, and frequency of measurement for each station. [Minn. R. 7090]
23.7	Samples must be collected as grab samples or flow-weighted 24-hour composite samples. [Minn. R. 7090]
23.8	Each sample, excluding pH samples, must be analyzed by a laboratory certified by the Minnesota Department of Health and/or the Agency, and: a. sample preservation and test procedures for the analysis of pollutants must conform to 40 CFR Part 136 and Minn. R. 7041.3200; b. detection limits for dissolved phosphorus, dissolved aluminum, and dissolved iron must be a minimum of 6 micrograms per liter, 10 micrograms per liter, and 20 micrograms per liter, respectively; and c. pH must be measured within 15 minutes of sample collection using calibrated and maintained equipment. [Minn. R. 7090]
23.9	In the following situations, the permittee must perform corrective action(s) and immediately notify the Minnesota Department of Public Safety Duty Officer at 1-800-422-0798 (toll free) or 651-649-5451 (Metro area): a. the pH of the discharged water is not within the range of 6.0 and 9.0; b. any indications of toxicity or measurements exceeding water quality standards which could endanger human health, public drinking water supplies, or the environment; or c. a spill or discharge or alteration resulting in water pollution as defined in Minn. Stat. 115.01, subd. 13, of alum or ferric chloride. If item b is applicable, the permittee must also report the non-compliance to the Commissioner as required in item 26.11.

	[Minn. R. 7001.0150, Subp. 3(K), Minn. R. 7090]
23.10	If the permittee discovers indications of toxicity or measurements exceeding water quality standards that the permittee determines does not endanger human health, public drinking water supplies, or the environment, the permittee must report the non-compliance to the Commissioner as required in item 26.12. [Minn. R. 7001.0150, Subp. 3(L), Minn. R. 7090]

23.11	The permittee must submit the following information with the annual report. The annual report must include a month-by-month summary of:
	
	a. date(s) of operation;
	b. chemical(s) used for treatment;
	c. gallons of water treated;
	d. gallons of alum or ferric chloride treatment used;
	e. calculated pounds of phosphorus removed; and
	f. any performance issues and the corrective action(s), including the date(s) when corrective action(s) were taken. [Minn. R. 7090]

23.12	A record of the design parameters in items 23.13 through 23.15 must be kept on-site. [Minn. R. 7090]
23.13	Site-specific jar testing conducted using typical and representative water samples in accordance with the most current approved version of ASTM D2035. [Minn. R. 7090]
23.14	Baseline concentrations of the following parameters in the influent and receiving waters: a. aluminum or iron; and b. phosphorus. [Minn. R. 7090]
23.15	The following system parameters and how each was determined: a. flocculant settling velocity; b. minimum required retention time; c. rate of diversion of stormwater into the system; d. the flow rate from the discharge of the outlet structure; and e. range of expected dosing rates. [Minn. R. 7090]
23.16	The following site-specific procedures must be developed and a copy kept on-site: a. procedures for the installation, operation and maintenance of all pumps, generators, control systems, and other equipment; b. specific parameters for determining when the solids must be removed from the system and how the solids will be handled and disposed of; and c. procedures for cleaning up and/or containing a spill of each chemical stored on-site. [Minn. R. 7090]
24.1	**Stormwater Pollution Prevention Program (SWPPP) Modification**. [Minn. R. 7090]
24.2	The Commissioner may require the permittee to modify the SWPPP as needed, in accordance with the procedures of Minn. R. 7001, and may consider the following factors: a. discharges from the MS4 are impacting the quality of receiving waters; b. more stringent requirements are necessary to comply with state or federal regulations; and c. additional conditions are deemed necessary to comply with the goals and applicable requirements of the Clean Water Act and protect water quality. [Minn. R. 7090]
24.3	Modifications that the permittee chooses to make to the SWPPP other than modifications authorized in item 24.4, must be approved by the Commissioner in accordance with the procedures of Minn. R. 7001. All requests must be in writing, setting forth schedules for compliance. The request must discuss alternative program modifications, assure compliance with requirements of the permit, and meet other applicable laws. [Minn. R. 7090]
24.4	The permittee may modify the SWPPP without prior approval of the Commissioner provided the Commissioner is notified of the modification in the annual report for the year the modification is made and the modification falls under one of the following categories:

	a. a BMP is added, and none subtracted, from the SWPPP; or b. a less effective BMP is replaced with a more effective BMP. The alternate BMP must address the same, or similar, concerns as the ineffective or failed BMP. [Minn. R. 7090]
25.1	**Annual Assessment, Annual Reporting, and Recordkeeping**. [Minn. R. 7090]
25.2	The permittee must conduct an annual assessment to evaluate compliance with the terms and conditions of the General Permit, including the effectiveness of the components of the SWPPP and the status of achieving the measurable requirements in the General Permit. Measurable requirements are activities that must be documented or tracked (e.g., education and outreach efforts, implementation of written plans, inventories, trainings, site plan reviews, inspections, enforcement, etc.). The permittee must perform the annual assessment prior to completion of each annual report and document any modifications made to the SWPPP as a result of the annual assessment. [Minn. R. 7090]
25.3	The permittee must submit an annual report : Due annually, by the 30th of June. The annual report must cover the portion of the previous calendar year during which the permittee was authorized to discharge stormwater under the General Permit. The annual report shall be submitted to the Agency, in a manner determined by the Agency, that includes but is not limited to: a. the status of compliance with permit terms and conditions, including an assessment of the appropriateness of BMPs identified by the permittee and progress towards achieving the measurable requirements of each of the MCMs. The assessment must be based on results of information collected and analyzed, including monitoring (if any), inspection findings, and public input received during the reporting period; b. the stormwater activities the permittee plans to undertake during the next reporting cycle; c. a change in any identified BMPs for any of the MCMs; d. the summary required in item 22.2 to demonstrate progress toward achieving applicable WLAs; e. information required to be recorded or documented in Sections 13 through 24; and f. a statement that the permittee is relying on a partnership(s) with another regulated small MS4(s) to satisfy one or more permit requirements (if applicable), and what agreements the permittee has entered into in support of this effort. [Minn. R. 7090]
25.4	The permittee must make records, including components of the SWPPP, available to the public at reasonable times during regular business hours (see 40 CFR 122.7 for confidentiality provision). [Minn. R. 7090]
25.5	The permittee must retain copies of the permit application, all documentation necessary to comply with SWPPP requirements, all data and information used by the permittee to complete the application process, and any information developed as a requirement of the General Permit or as requested by the Commissioner, for a period of at least three (3) years beyond the date of permit expiration. This period is automatically extended during the course of an unresolved enforcement action regarding the small MS4 or as requested by the Commissioner. [Minn. R. 7001.0080, Minn. R. 7090]
25.6	The permittee must, when requested by the Commissioner, submit within a reasonable time the information and reports that are relevant to the control of pollution regarding the construction, modification, or operation of the facility covered by the General Permit or regarding the conduct of the activity covered by the General Permit. [Minn. R. 7001.0150, Subp. 3(H), Minn. R. 7090]
25.7	The permittee must use an electronic submittal process, as provided by the Agency, to submit information required by the General Permit. If electronic submittal is not available, the permittee must use the following mailing address: Supervisor, Municipal Stormwater Unit Minnesota Pollution Control Agency 520 Lafayette Road North St. Paul, Minnesota 55155-4194. [Minn. R. 7090]
26.1	**General Conditions**. [Minn. R. 7090]
26.2	The Agency's issuance of a permit does not release the permittee from any liability, penalty, or duty imposed by Minnesota or federal statutes or rules or local ordinances, except the obligation to obtain the General Permit. [Minn. R. 7001.0150, Subp. 3(A)]
26.3	The Agency's issuance of a permit does not prevent the future adoption by the Agency of pollution control rules, standards, or orders more stringent than those now in existence and does not prevent the enforcement of these rules, standards, or orders against the permittee. [Minn. R. 7001.0150, Subp. 3(B)]

26.4	The General Permit does not convey a property right or an exclusive privilege. [Minn. R. 7001.0150, Subp. 3(C)]
26.5	The Agency's issuance of a permit does not obligate the Agency to enforce local laws, rules or plans beyond that authorized by Minnesota statutes. [Minn. R. 7001.0150, Subp. 3(D)]
26.6	The permittee must perform the actions or conduct the activity authorized by the permit in accordance with the plans and specifications approved by the Agency and in compliance with the conditions of the permit. [Minn. R. 7001.0150, Subp. 3(E)]
26.7	The permittee must at all times properly operate and maintain the facilities and systems of treatment and control and the appurtenances related to them which are installed or used by the permittee to achieve compliance with the conditions of the General Permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. The permittee must install and maintain appropriate backup or auxiliary facilities if they are necessary to achieve compliance with the conditions of the General Permit and, for all permits other than hazardous waste facility permits, if these backup or auxiliary facilities are technically and economically feasible. [Minn. R. 7001.0150, Subp. 3(F)]
26.8	The permittee may not knowingly make a false or misleading statement, representation, or certification in a record, report, plan, or other document required to be submitted to the Agency or to the Commissioner by the General Permit. The permittee must immediately upon discovery report to the Commissioner an error or omission in these records, reports, plans, or other documents. [Minn. R. 7001.0150, Subp. 3(G), Minn. R. 7001.1090, Subp. 1(G), Minn. R. 7001.1090, Subp. 1(H), Minn. Stat. 609.671]
26.9	When authorized by Minn. Stat. 115.04, 115B.17, subd. 4, and 116.091, and upon presentation of proper credentials, the Agency, or an authorized employee or agent of the Agency, must be allowed by the permittee to enter at reasonable times upon the property of the permittee to examine and copy books, papers, records, or memoranda pertaining to the activity covered by the General Permit; and to conduct surveys and investigations, including sampling or monitoring, pertaining to the construction, modification, or operation of the facility covered by the permit or pertaining to the activity covered by the General Permit. [Minn. R. 7001.0150, Subp. 3(I)]
26.10	If the permittee discovers, through any means, including notification by the Agency, that noncompliance with a condition of the General Permit has occurred, the permittee must take all reasonable steps to minimize the adverse impacts on human health, public drinking water supplies, or the environment resulting from the noncompliance. [Minn. R. 7001.0150, Subp. 3(J)]
26.11	If the permittee discovers that noncompliance with a condition of the General Permit has occurred which could endanger human health, public drinking water supplies, or the environment, the permittee must, within 24 hours of the discovery of the noncompliance, orally notify the Commissioner. Within five days of the discovery of the noncompliance, the permittee must submit to the Commissioner a written description of the noncompliance; the cause of the noncompliance; the exact dates of the period of the noncompliance; if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. [Minn. R. 7001.0150, Subp. 3(K)]
26.12	The permittee must report noncompliance with the General Permit not reported under item 26.11 as a part of the next report which the permittee is required to submit under the General Permit. If no reports are required within 30 days of the discovery of the noncompliance, the permittee must submit the information listed in item 26.11 within 30 days of the discovery of the noncompliance. [Minn. R. 7001.0150, Subp. 3(L), Minn. R. 7090]
26.13	The permittee must give advance notice to the Commissioner as soon as possible of planned physical alterations or additions to the permitted facility (MS4) or activity that may result in noncompliance with a Minnesota or federal pollution control statute or rule or a condition of the General Permit. [Minn. R. 7001.0150, Subp. 3(M)]
26.14	The General Permit is not transferable to any person without the express written approval of the Agency after compliance with the requirements of Minn. R. 7001.0190. A person to whom the permit has been transferred must comply with the conditions of the General Permit. [Minn. R. 7001.0150, Subp. 3(N)]
26.15	The General Permit authorizes the permittee to perform the activities described in the permit under the conditions of the General Permit. In issuing the permit, the state and Agency assume no responsibility for damage to persons, property, or the environment caused by the activities of the permittee in the conduct of its actions, including those activities authorized, directed, or undertaken under the permit. To the extent the state and Agency may be liable for the activities of its employees, that liability is explicitly limited to that provided in the Tort Claims Act, Minn. Stat. 3.736. [Minn. R. 7001.0150, Subp. 3(O)]

26.16	The General Permit incorporates by reference the applicable portions of 40 CFR 122.41 and 122.42(c) and (d), and Minn. R. 7001.1090, which are enforceable parts of the General Permit. [Minn. R. 7090]
26.17	The provisions of the General Permit are severable, and if any provision of the General Permit, or the application of any provision of the General Permit to any circumstance, is held invalid, the application of such provision to other circumstances and the remainder of the General Permit shall not be affected thereby. [Minn. R. 7090]
27.1	**Definitions**. [Minn. R. 7090]
27.2	"Active karst" means a terrain having distinctive landforms and hydrology created primarily from the dissolution of soluble rocks within 50 feet of the land surface. [Minn. R. 7090]
27.3	"Agency" means the Minnesota Pollution Control Agency or MPCA. [Minn. Stat. 116.36, subd. 2]
27.4	"Alum or Ferric Chloride Phosphorus Treatment System" means the diversion of flowing stormwater from a MS4, removal of phosphorus through the use a continuous feed of alum or ferric chloride additive, flocculation, and the return of the treated stormwater back into a MS4 or receiving water. [Minn. R. 7090]
27.5	"Applicable WLA" means a Waste Load Allocation assigned to the permittee and approved by the USEPA prior to the issuance date of the General Permit. [Minn. R. 7090]
27.6	"Best Management Practices" or "BMPs" means practices to prevent or reduce the pollution of the waters of the state, including schedules of activities, prohibitions of practices, and other management practices, and also includes treatment requirements, operating procedures and practices to control plant site runoff, spillage or leaks, sludge, or waste disposal or drainage from raw material storage. [Minn. R. 7001.1020, Subp. 5]
27.7	"Commissioner" means the Commissioner of the Minnesota Pollution Control Agency or the Commissioner's designee. [Minn. Stat. 116.36, subd. 3]
27.8	"Common Plan of Development or Sale" means a contiguous area where multiple separate and distinct land disturbing activities may be taking place at different times, on different schedules, but under one proposed plan. One plan is broadly defined to include design, permit application, advertisement or physical demarcation indicating that land-disturbing activities may occur. [Minn. R. 7090]
27.9	"Construction Activity" means activities including clearing, grading, and excavating, that result in land disturbance of equal to or greater than one acre, including the disturbance of less than one acre of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than one acre. This includes a disturbance to the land that results in a change in the topography, existing soil cover, both vegetative and nonvegetative, or the existing soil topography that may result in accelerated stormwater runoff that may lead to soil erosion and movement of sediment. Construction activity does not include a disturbance to the land of less than five acres for the purpose of routine maintenance performed to maintain the original line and grade, hydraulic capacity, and original purpose of the facility. Routine maintenance does not include activities such as repairs, replacement and other types of non-routine maintenance. Pavement rehabilitation that does not disturb the underlying soils (e.g., mill and overlay projects) is not construction activity. [Minn. R. 7090]
27.10	"DNR Catchment Area" means the Hydrologic Unit 08 areas delineated and digitized by the Minnesota DNR. The catchment areas are available for download at the Minnesota DNR Geospatial Commons website. DNR catchment areas may be locally corrected, in which case the local corrections may be used. [Minn. R. 7090]
27.11	"Existing Permittee" means an owner/operator of a small MS4 that has been authorized to discharge stormwater under a previously issued general permit for small MS4s in the state of Minnesota. [Minn. R. 7090]
27.12	"Fully reconstructed" means areas where impervious surfaces have been removed down to the underlying soils. Activities such as structure renovation, mill and overlay projects, and other pavement rehabilitation projects that do not expose the underlying soils beneath the structure, pavement, or activity are not considered fully reconstructed. Maintenance activities such as catch basin repair/replacement, utility repair/replacement, pipe repair/replacement, lighting, and pedestrian ramp improvements are not considered fully reconstructed. [Minn. R. 7090]
27.13	"General permit" means a permit issued under Minn. R. 7001.0210 to a category of permittees whose operations, emissions, activities, discharges, or facilities are the same or substantially similar. [Minn. R. 7001.0010, Subp. 4]
27.14	"Geographic Coordinates" means the point location of a stormwater feature expressed by X, Y coordinates of a standard Cartesian coordinate system (i.e. latitude/longitude) that can be readily converted to Universal Transverse Mercator (UTM), Zone 15N in the NAD83 datum. For polygon features, the geographic coordinates will typically define the approximate center of a stormwater feature. [Minn. R. 7090]

27.15	"High Flow Bypass" means a function of an inlet device that allows a certain flow of water through, but diverts any higher flows away. High flow bypasses are generally used for BMPs that can only treat a designed amount of flow and that would be negatively affected by higher flows. [Minn. R. 7090]
27.16	"Illicit Discharge" means any discharge to a municipal separate storm sewer that is not composed entirely of stormwater except discharges pursuant to a NPDES permit (other than the NPDES permit for discharges from the municipal separate storm sewer) and discharges resulting from firefighting activities. [40 CFR 122.26(b)(2)]
27.17	"Impaired Water" means waters identified as impaired by the Agency, and approved by the USEPA, pursuant to section 303(d) of the Clean Water Act (33 U.S.C. 303(d)). [Minn. R. 7090]
27.18	"Linear project" means construction of new or fully reconstructed roads, trails, sidewalks, or rail lines that are not part of a common plan of development or sale. For example, roads being constructed concurrently with a new residential development are not considered linear projects because they are part of a common plan of development or sale. [Minn. R. 7090]
27.19	"Maximum Extent Practicable" or "MEP" means the statutory standard (33 U.S.C. 1342(p)(3)(B)(iii)) that establishes the level of pollutant reductions that an owner or operator of regulated MS4s must achieve. The USEPA has intentionally not provided a precise definition of MEP to allow maximum flexibility in MS4 permitting. The pollutant reductions that represent MEP may be different for each small MS4, given the unique local hydrologic and geologic concerns that may exist and the differing possible pollutant control strategies. Therefore, each permittee will determine appropriate BMPs to satisfy each of the six Minimum Control Measures (MCMs) through an evaluative process. The USEPA envisions application of the MEP standard as an iterative process. [Minn. R. 7090]
27.20	"Municipal separate storm sewer system" or "MS4" means a conveyance or system of conveyances including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains: a. owned or operated by a state, city, town, county, district, association, or other public body, created by or pursuant to state law, having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under state law such as a sewer district, flood control district, or drainage district or similar entity, or an Indian tribe or an authorized Indian tribe organization, or a designated and approved management Agency under section 208 of the federal Clean Water Act, United States Code, title 33, section 1288, that discharges into waters of the state; b. designed or used for collecting or conveying stormwater; c. that is not a combined sewer; and d. that is not part of a publicly owned treatment works as defined in 40 CFR 122.2. Municipal separate storm sewer systems do not include separate storm sewers in very discrete areas, such as individual buildings. [Minn. R. 7090.0080, Subp. 8]
27.21	"New Permittee" means an owner/operator of a small MS4 that has not been authorized to discharge stormwater under a previously issued General Stormwater Permit for small MS4s in the state of Minnesota and that applies for, and obtains coverage under the General Permit. [Minn. R. 7090]
27.22	"Non-Stormwater Discharge" means any discharge not composed entirely of stormwater. [Minn. R. 7090]
27.23	"Operator" means the person with primary operational control and legal responsibility for the MS4. [Minn. R. 7090.0080, Subp. 10]
27.24	"Outfall" means the point source where a MS4 discharges to a receiving water, or the stormwater discharge permanently leaves the permittee's MS4. It does not include diffuse runoff or conveyances that connect segments of the same stream or water systems (e.g., when a conveyance temporarily leaves an MS4 at a road crossing). [Minn. R. 7090]
27.25	"Owner" means the person that owns the MS4. [Minn. R. 7090.0080, Subp. 11]
27.26	"Permittee" means a person or persons, that signs the permit application submitted to the Agency and is responsible for compliance with the terms and conditions of the General Permit. [Minn. R. 7090]
27.27	"Person" means the state or any Agency or institution thereof, any municipality, governmental subdivision, public or private corporation, individual, partnership, or other entity, including, but not limited to, association, commission or any interstate body, and includes any officer or governing or managing body of any municipality, governmental subdivision, or public or private corporation, or other entity. [Minn. Stat. 115.01, subd. 10]
27.28	"Pipe" means a closed manmade conveyance device used to transport stormwater from location to location. The definition

	of pipe does not include foundation drain pipes, irrigation pipes, land drain tile pipes, culverts, and road sub-grade drain pipes. [Minn. R. 7090]
27.29	"Receiving Water" means any lake, river, stream or wetland that receives stormwater discharges from an MS4. [Minn. R. 7090]
27.30	"Reduce" means reduce to the Maximum Extent Practicable (MEP) unless otherwise defined in the context in which it is used. [Minn. R. 7090]
27.31	"Seasonally Saturated Soil" means the highest seasonal elevation in the soil in a reduced chemical state because of soil voids filled with water causing anaerobic conditions. Seasonally saturated soil is evidenced by the presence of redoximorphic features or other information determined by scientifically established methods or empirical field measurements. [Minn. R. 7090]
27.32	"Section" includes all item numbers of the same whole number. For example, "Section 5" of the General Permit refers to items 5.1 through 5.5. [Minn. R. 7090]
27.33	"Significant Materials" includes, but is not limited to: raw materials, fuels, materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); any chemical the facility is required to report pursuant to Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA); fertilizers, pesticides, and waste products such as ashes, slag, and sludge that have the potential to be released with stormwater discharges. When determining whether a material is significant, the physical and chemical characteristics of the material should be considered (e.g. the material's solubility, transportability, and toxicity characteristics) to determine the material's pollution potential. [40 CFR 122.26(b)(12)]
27.34	"Small Municipal Separate Storm Sewer System" or "small MS4", means all separate storm sewers that are: a. Owned or operated by the United States, a state, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to state law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under state law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management Agency under section 208 of the CWA that discharges to waters of the United States. b. Not defined as "large" or "medium" Municipal Separate Storm Sewer Systems pursuant to 40 CFR 122.26 paragraphs (b)(4) and (b)(7) or designated under paragraph (a)(1)(v). c. This term includes systems similar to separate storm sewer systems in municipalities, such as systems at military bases, large hospital or prison complexes, and highways and other thoroughfares. The term does not include separate storm sewers in very discrete areas, such as individual buildings. [Minn. R. 7090]
27.35	"Stormwater" means stormwater runoff, snow melt runoff, and surface runoff and drainage. [Minn. R. 7090.0080, Subp. 12]
27.36	"Stormwater flow direction" means the direction of predominant flow within a pipe. Flow direction can be discerned if pipe elevations can be displayed on the storm sewer system map. [Minn. R. 7090]
27.37	"Stormwater Pollution Prevention Program" or "SWPPP" means a comprehensive program developed by the permittee to manage and reduce the discharge of pollutants in stormwater to and from the small MS4. [Minn. R. 7090]
27.38	"Structural Stormwater BMP" means a stationary and permanent BMP that is designed, constructed, and operated to prevent or reduce the discharge of pollutants in stormwater. [Minn. R. 7090]
27.39	"Total Maximum Daily Load" or "TMDL" means the sum of the individual Waste Load Allocations for point sources and load allocations for nonpoint sources and natural background, as more fully defined in 40 CFR 130.2, paragraph (i). A TMDL sets and allocates the maximum amount of a pollutant that may be introduced into a water of the state and still assure attainment and maintenance of water quality standards. [Minn. R. 7052.0010, Subp. 42]
27.40	"Waste Load Allocation" or "WLA" means the portion of a receiving water's loading capacity that is allocated to one of its existing or future point sources of pollution, as more fully defined in Code of Federal Regulations, title 40, section 130.2, paragraph (h). In the absence of a TMDL approved by USEPA under 40 CFR 130.7, or an assessment and remediation plan developed and approved according to Minn. R. 7052.0200, Subp. 1.C, a WLA is the allocation for an individual point source that ensures that the level of water quality to be achieved by the point source is derived from and complies with all applicable water quality standards and criteria. [Minn. R. 7052.0010, Subp. 45]
27.41	"Water pollution" means (a) the discharge of any pollutant into any waters of the state or the contamination of any waters of the state so as to create a nuisance or render such waters unclean, or noxious, or impure so as to be actually or

	potentially harmful or detrimental or injurious to public health, safety or welfare, to domestic, agricultural, commercial, industrial, recreational or other legitimate uses, or to livestock, animals, birds, fish or other aquatic life; or (b) the alteration made or induced by human activity of the chemical, physical, biological, or radiological integrity of waters of the state. [Minn. Stat. 115.01, subd. 13]
27.42	"Water Quality Standards" means those provisions contained in Minn. R. 7050 and 7052. [Minn. R. 7090]
27.43	"Water Quality Volume" means either: a. for construction activity (excluding linear projects), one (1) inch of runoff from the sum of the new and fully reconstructed impervious surfaces created by the project (calculated as an instantaneous volume); or b. for linear projects, the greater of one (1) inch of runoff from the new impervious surface or one-half (0.5) inch of runoff from the sum of the new and fully reconstructed impervious surfaces created by the project (calculated as an instantaneous volume). [Minn. R. 7090]
27.44	"Waters of the State" means all streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems and all other bodies or accumulations of water, surface or underground, natural or artificial, public or private, which are contained within, flow through, or border upon the state or any portion thereof. [Minn. Stat. 115.01, subd. 22]
27.45	"Wetlands" means 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. Constructed wetlands designed for wastewater treatment are not waters of the state. Wetlands must have the following attributes: a. a predominance of hydric soils; b. inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support a prevalence of hydrophytic vegetation typically adapted for life in a saturated soil condition; and c. under normal circumstances support a prevalence of such vegetation. [Minn. R. 7050.0186, Subp. 1a.B]

Appendix A. Alum or Ferric Chloride Phosphorus Treatment Systems

Table 1:
Monitoring parameters during operation

Station	Alum parameters	Ferric parameters	Units	Frequency
Upstream-background	Total Phosphorus	Total Phosphorus	mg/L	1 x week
	Dissolved Phosphorus	Dissolved Phosphorus	mg/L	1 x week
	Total Aluminum	Total Iron	mg/L	1 x month
	Dissolved Aluminum	Dissolved Iron	mg/L	1 x week
	pH	pH	SU	1 x week
	Flow	Flow	Mgd	Daily
Alum or Ferric Chloride Feed	Alum	Ferric	Gallons	Daily total dosed in gallons
Discharge from treatment	Total Phosphorus	Total Phosphorus	mg/L	1 x week
	Dissolved Phosphorus	Dissolved Phosphorus	mg/L	1 x week
	Total Aluminum	Total Iron	mg/L	1 x month
	Dissolved Aluminum	Dissolved Iron	mg/L	1 x week
	pH	pH	SU	1 x week
	Flow	Flow	Mgd	Daily

Appendix B. Schedules

Table 2:
Existing Permittees - Schedule of permit requirements

Permit requirement	*Schedule*
Section 12. Stormwater Pollution Prevention Program (SWPPP) Document • *Submit the SWPPP Document completed in accordance with Section 12.*	• Within 150 days after General Permit issuance date.
Section 13. Stormwater Pollution Prevention Program (SWPPP) • *Complete revisions to incorporate the new requirements of Sections 14 - 23 into current SWPPP.*	• Within 12 months of the date General Permit coverage is extended, unless other timelines have been specifically established in the General Permit and identified below.
Section 19. Construction Site Stormwater Runoff Control • *Complete revisions to Construction Site Stormwater Runoff Control program, including revisions to regulatory mechanism(s), if necessary.* • *When the CSW Permit is reissued, revise regulatory mechanism(s), if necessary, to be at least as stringent as the requirements for erosion, sediment, and waste controls described in the CSW Permit.*	• Within 12 months of the date General Permit coverage is extended. • Within 12 months of the issuance date of the CSW Permit (expected issuance date of the CSW Permit is August 1, 2023).
Section 21. Pollution Prevention/Good Housekeeping for Municipal Operations • *Conduct structural stormwater best management practice (BMP) inspections.* • *Conduct pond and outfall inspections.*	• Each calendar year. • Prior to the expiration date of the General Permit.
Section 22. Discharges to Impaired Waters with a USEPA-Approved TMDL that includes an Applicable WLA • *Submit all information required in item 22.2.* • *Meet requirements for applicable WLAs for bacteria, chloride, and temperature in Section 22.*	• With each annual report. • Within 12 months of the date General Permit coverage is extended.
Section 25. Annual Assessment, Annual Reporting, and Recordkeeping • *Conduct assessment of the SWPPP.* • *On a form provided by the Agency, submit an annual report.*	• Prior to completion of each annual report. • By June 30th of each calendar year.

Table 3:
New Permittees - Schedule of permit requirements

Permit requirement	*Schedule*
Section 10. New Permittee Applicants • *Submit Part 1, and Part 2 of the permit application as required by Section 12.*	• Within 18 months of written notification from the Commissioner that the MS4 meets the criteria in Minn. R. 7090.1010, subp. 1.A. or B. and General Permit coverage is required.
Section 13. Stormwater Pollution Prevention Program (SWPPP) • *Complete all requirements of Sections 14 - 23.*	• Within 36 months of the date General Permit coverage is extended, unless other timelines have been specifically established in the General Permit and identified below; or • Within timelines established by the Commissioner in item 8.3.
Section 14. Mapping • *Develop a storm sewer system map.*	• Within 24 months of the date General Permit coverage is extended.
Section 18. Illicit Discharge Detection and Elimination • *Develop, implement, and enforce an Illicit Discharge Detection and Elimination Program.*	• Within 12 months of the date General Permit coverage is extended.
Section 19. Construction Site Stormwater Runoff Control • *Develop, implement, and enforce a Construction Site Stormwater Runoff Control Program.* • *When the CSW Permit is reissued, revise regulatory mechanism(s), if necessary, to be at least as stringent as the requirements for erosion, sediment, and waste controls described in the CSW Permit.*	• Within 12 months of the date General Permit coverage is extended. • Within 12 months of the issuance date of the CSW Permit (expected issuance date of the CSW Permit is August 1, 2023).
Section 20. Post-Construction Stormwater Management • *Develop, implement, and enforce a Post-Construction Stormwater Management program.*	• Within 24 months of the date General Permit coverage is extended.
Section 21. Pollution Prevention/Good Housekeeping for Municipal Operations • *Conduct structural stormwater BMP inspections.* • *Conduct pond and outfall inspections.*	• Each calendar year. • Prior to the expiration date of the General Permit.
Section 22. Discharges to Impaired Waters with a USEPA-Approved TMDL that includes an Applicable WLA • *Submit all information required in item 22.2.* • *Meet requirements for applicable WLAs for bacteria, chloride, and temperature in Section 22.*	• With each annual report. • Within 12 months of the date General Permit coverage is extended.
Section 23. Alum or Ferric Chloride Phosphorus Treatment Systems (if applicable) • *Meet requirements for treatment systems in Section 23.*	• Within 12 months of the date General Permit coverage is extended.
Section 25. Annual SWPPP Assessment, Annual Reporting, and Recordkeeping • *Conduct assessment of the SWPPP.* • *On a form provided by the Agency, submit an annual report.*	• Prior to completion of each annual report. • By June 30th of each calendar year.

Permit Application

MINNESOTA POLLUTION CONTROL AGENCY
520 Lafayette Road North
St. Paul, MN 55155-4194

MS4 Part 2 Permit Application

Authorization to discharge stormwater associated with small Municipal Separate Storm Sewer System (MS4)

Stormwater Pollution Prevention Program (SWPPP) Document

Doc Type: Permit Application

Instructions: Submitting this application confirms your intent to receive authorization to discharge stormwater under the National Pollutant Discharge Elimination System/State Disposal System (NPDES/SDS) MS4 General Permit (MNR040000). This application is due within 150 days from the issuance date of the MS4 General Permit (MNR040000). Throughout this application there are text fields with a typical maximum limit of four lines. If you need to provide information in a text field that exceeds the maximum limit, please submit an attachment(s) with supplemental information that is labeled with the corresponding field number (e.g., *9.J.*).

Submittal: This application form and any associated documents (i.e., total maximum daily load (TMDL) application, any supplemental information) must be submitted electronically. To submit this form electronically, open the form using Internet Explorer Web browser or Adobe Acrobat Reader in order for the submit button to work properly. (If you do not have Acrobat Reader, you can download a free version at https://get.adobe.com/reader/.) Send the form to the Minnesota Pollution Control Agency (MPCA) by clicking the submit button at the end of the form (a "send email" window should open with the form attached), you can click on "Send" and then close the form. If you do not see a "send email", save the form to your computer and attach the form to an email message, using "MS4 Part 2 Permit Application" as the subject line to ms4permitprogram.pca@state.mn.us.

Review/Public Notice process: The MPCA will review the application for completeness. Incomplete applications will be returned. If the MPCA determines the application is complete, the MPCA will make a preliminary determination to issue permit coverage and place the application on public notice for 30 days. Once the applicant addresses any applicable comments or hearing requests, the MPCA will make a final determination to issue permit coverage to the applicant.

Please note, this application is intended to provide information about an applicant's existing SWPPP. An applicant that receives permit coverage is responsible for complying with all new applicable requirements set forth in the MS4 General Permit (MNR040000) by deadlines specified in Appendix B of the reissued permit.

Questions: If you have any questions, need additional information, contact MPCA staff. To find the staff assigned to your MS4, refer to the https://stormwater.pca.state.mn.us/index.php?title=MS4_staff_contact_information_and_staff_assignments; or see the staff contact information on the MPCA's MS4 webpage at https://www.pca.state.mn.us/water/municipal-stormwater-ms4.

Note: All questions with an asterisk(*) are **required** fields, and the form will not submit without the fields completed.

General contact information

1. **MS4 Owner** (with ownership or operational responsibility, or control of the MS4)

*MS4 permittee name: 1.A. North Hennepin Technical College *County: 1.B. Hennepin
(City, county, municipality, government agency or other entity)

*Mailing address: 1.C. 7411 85th Ave North

*City: 1.D. Brooklyn Park *State: 1.E. MN *Zip code: 1.F. 55445

2. **MS4 General contact** (with SWPPP implementation responsibility)

*Last name: 2.A. Lynne *First name: 2.B. Erin
(Department head, MS4 coordinator, consultant, etc.)

*Title: 2.C. Environmental Health and Safety Officer

*Mailing address: 2.D. 7411 85th Ave North

*City: 2.E. Brooklyn Park *State: 2.F. MN *Zip code: 2.G. 55445

*Phone (including area code): 2.H. (763) 488-0132 *Email: 2.I. erin.lynne@nhcc.edu

3. **Preparer information** (complete if SWPPP application is prepared by a party other than MS4 General contact)

Last name: 3.A. Zhang First name: 3.B. Lu
(Department head, MS4 coordinator, consultant, etc.)

Title: 3.C. Environmental Scientist Organization: 3.D. Stantec

Mailing address: 3.E. 7500 Olson Memorial Highway, Suite 300

City: 3.F. Golden Valley State: 3.G. MN Zip code: 3.H. 55427

Phone (including area code): 3.I. (651) 955-6016 Email: 3.J. lu.zhang@stantec.com

4. **Certification** (All fields are required)

☐ *Yes - *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 ensure that qualified personnel properly gathered and evaluated the information submitted.*

I certify that 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 civil and criminal penalties.

I have read, understood, and accepted all terms and conditions of the NPDES/SDS MS4 General Permit.

This certification is required by Minn. Stat. §§ 7001.0070 and 7001.0540. The authorized person with overall, MS4 legal responsibility must certify the application (principal executive officer or a ranking elected official).

By typing/signing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing my application.

*Signature: 4.A.
(This document has been electronically signed)

*Title: 4.B. Environmental Health and Safety Officer *Date: 4.C.

*Mailing address: 4.D. 7411 85th Ave North

*City: 4.E. Brooklyn Park *State: 4.F. MN *Zip code: 4.G. 55445

*Phone (including area code): 4.H. (763) 488-0132 *Email: 4.I. erin.lynne@nhcc.edu

***Note:** The application will not be processed without certification.*

*5. **Which type of MS4 do you represent?** (Check one)

5.A. ☐ City
5.B. ☐ County
5.C. ☐ Corrections
5.D. ☒ Education
5.E. ☐ Healthcare
5.F. ☐ Township
5.G. ☐ Transportation (i.e., Minnesota Department of Transportation [MnDOT])
5.H. ☐ Watershed District

*6. **Permit item 12.3:** Do you have any partnerships with another regulated small MS4(s) to satisfy one or more requirements of the General Permit?

☐ Yes
☒ No (skip to Q8)

7. **If yes in Q6, provide a description of the partnership(s): (Maximum 10 lines of text)**

MCM 1: Public education and outreach

*8. **Permit item 16.3:** Do you distribute educational materials or equivalent outreach focused on at least two (2) specifically selected stormwater-related issues of high priority? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes
☐ No (skip to Q11)

9. **If yes in Q8, what are your high-priority topics?** (Check all that apply)

9.A. ☐ Specific TMDL reduction targets
9.B. ☐ Changing local business practices
9.C. ☐ Promoting adoption of residential best management practices (BMPs)
9.D. ☐ Lake improvements through lake associations
9.E. ☐ Household chemicals
9.F. ☐ Yard waste
9.G. ☐ Construction activities
9.H. ☐ Post-construction activities
9.I. ☒ Other (describe below):
9.J. Recycling and littering

Additional information for checked items (optional):
9.K.

10. **If yes in Q8, how do you educate the public about stormwater-related issues?** (Check all that apply)

10.A. ☒ Brochure
10.B. ☐ Newsletter
10.C. ☐ Utility bill insert
10.D. ☐ Newspaper ad
10.E. ☐ Radio ad
10.F. ☐ Television ad
10.G. ☐ Cable access channel
10.H. ☐ Website
10.I. ☒ Stormwater-related event
10.J. ☐ Other (describe below):
10.K.

Additional information for checked items (optional):
10.L.

*11. **Permit item 16.4:** At least once each calendar year, do you distribute educational outreach focused on illicit discharge recognition and reporting illicit discharges? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes
☐ No (skip to Q13)

12. **If yes in Q11, how do you educate the public about illicit discharge recognition and reporting?** (Check all that apply)

12.A. ☒ Brochure
12.B. ☐ Newsletter
12.C. ☐ Utility bill insert

12.D. ☐ Newspaper ad
12.E. ☐ Radio ad
12.F. ☐ Television ad
12.G. ☐ Cable access channel
12.H. ☐ Website
12.I. ☒ Stormwater-related event
12.J. ☐ Other (describe below):
12.K.

Additional information for checked items (optional):
12.L.

If you represent a city or township, please answer questions 13-16; ***if you do not*** *represent a city or township, skip to question 17.*

13. **Permit item 16.5:** At least once each calendar year, do you distribute educational materials or equivalent outreach to residents, businesses, commercial facilities, and institutions, focused on deicing salt use? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
☐ Yes
☐ No (skip to Q15)

14. **If yes in Q13, what does your education or outreach cover?** (Check all that apply)
14.A. ☐ The impacts of salt use on receiving waters
14.B. ☐ Methods to reduce salt use
14.C. ☐ Proper storage of salt or other deicing materials
14.D. ☐ Other (describe below):
14.E.

Additional information for checked items (optional):
14.F.

15. **Permit item 16.6:** At least once each calendar year, do you distribute educational materials or equivalent outreach focused on pet waste? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
☐ Yes
☐ No (skip to Q17)

16. **If yes in Q15, what do your educational materials or equivalent outreach on pet waste include?** (Check all that apply)
16.A. ☐ Impacts of pet waste on receiving waters
16.B. ☐ Proper management of pet waste
16.C. ☐ Any existing regulatory mechanism(s) for pet waste
16.D. ☐ Other (describe below):
16.E.

Additional information for checked items (optional):
16.F.

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*17. **Permit item 16.7:** Do you have an education and outreach plan?
☒ Yes
☐ No (skip to Q19)

18. **If yes in Q17, which components does your education and outreach plan include?** (Check all that apply)

18.A. ☒ Target audience(s) ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)*** If checked, specify your target audiences:

18.A.1. ☐ Residents
18.A.2. ☐ Businesses
18.A.3. ☐ Commercial facilities
18.A.4. ☐ Institutions
18.A.5. ☐ Local organizations
18.A.6. ☐ Low income residents
18.A.7. ☐ People of color
18.A.8. ☒ Non-native English speaking residents
18.A.9. ☒ Other (describe below):
18.A.10. students and faculties, material with other languages will be provided too

18.B. ☒ Name or position title of responsible person(s) for overall plan implementation.
18.B.1. If checked, specify the name(s) or position title(s):
Erin Lynne, Environmental Health and Safety Officer

18.C. ☐ Specific activities and schedules to reach each target audience.
18.C.1. If checked, provide any additional information (optional):

18.D. ☐ A description of any coordination with and/or use of stormwater education and outreach programs implemented by other entities, if applicable.
18.D.1. If checked, provide any additional information (optional):

*19. **Permit item 16.8:** Do you document information relating to MCM 1?
☒ Yes
☐ No (skip to Q21)

20. **If yes in Q19,** what do you document? (Check all that apply)
20.A. ☒ A description of all specific stormwater-related issues you identified in item 16.3
20.B. ☒ All information required under your education and outreach plan in item 16.7
20.C. ☒ Activities held, including dates, to reach each target audience
20.D. ☒ Quantities and descriptions of educational materials distributed, including dates distributed
20.E. ☒ Estimated audience (e.g., number of participants, viewers, readers, listeners, etc.) for each completed education and outreach activity ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

*21. **Permit item 12.4:** Who is responsible for implementation of this MCM? List name(s) or position title(s):
Erin Lynne, Environmental Health and Safety Officer

22. **Provide any additional information about your current education and outreach program that you would like to share (optional): (Maximum 10 lines of text)**

MCM 2: Public participation/involvement

*23. **Permit item 17.3:** Do you provide a minimum of one (1) annual opportunity for the public to provide input on the adequacy of the SWPPP?
☒ Yes
☐ No (skip to Q25)

24. **If yes in Q23, describe the opportunity(ies):**
Stormwater booth around Earth Day

*25. **Permit item 17.4:** Do you provide access to the SWPPP Document, annual reports, and other documentation that supports or describes the SWPPP (e.g., regulatory mechanism(s), etc.) for public review, upon request?
☒ Yes
☐ No (skip to Q27)

26. **If yes in Q25, how can the public access this information?** (Check all that apply)
26.A. ☒ Hardcopy upon request
26.B. ☐ Our website
26.C. ☐ Available at public event
26.D. ☐ Other (describe below):
26.E.

*27. **Permit item 17.5:** Do you consider oral and written input regarding the SWPPP submitted by the public?
☒ Yes
☐ No

*28. **Permit item 17.6:** Each calendar year, do you provide a minimum of one (1) public involvement activity that includes a pollution prevention or water quality theme? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
☒ Yes
☐ No (skip to Q30)

29. **If yes in Q28, what are the themes of your public involvement activity/activities?** (Check all that apply)
29.A. ☐ Rain barrel distribution event
29.B. ☐ Rain garden workshop
29.C. ☒ Cleanup event
29.D. ☐ Storm drain stenciling

29.E. ☐ Volunteer water quality monitoring
29.F. ☐ Adopt a storm drain program
29.G. ☐ Household hazardous waste collection day
29.H. ☒ Other (describe below):
29.I. stormwater booth

Additional information for checked items (optional):
29.J.

*30. **Permit item 17.7:** Do you document information relating to MCM 2?
☒ Yes
☐ No (skip to Q32)

31. **If yes in Q30, what do you document?** (Check all that apply)
31.A. ☒ All relevant written input submitted by persons regarding the SWPPP
31.B. ☒ All of your responses to written input received regarding the SWPPP, including any modifications made to the SWPPP as a result of the written input received
31.C. ☒ Date(s), location(s), and estimated number of participants at events held for purposes of compliance with permit item 17.3
31.D. ☒ Notices provided to the public of any events scheduled to meet permit item 17.3, including any electronic correspondence (e.g., website, email distribution lists, notices, etc.)
31.E. ☒ Date(s), location(s), description of activities, and estimated number of participants at events held for the purpose of compliance with permit item 17.6 ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

*32. **Permit item 12.4:** Who is responsible for implementation of this MCM? List name(s) or position title(s):
Erin Lynne, Environmental Health and Safety Officer

33. **Provide any additional information about your current public participation/involvement program that you would like to share (optional): (Maximum 10 lines of text)**

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

*34. **Permit item 18.3:** Do you maintain a storm sewer system map?
☒ Yes
☐ No (skip to Q36)

35. **If yes in Q34, which of the following does your storm sewer map include?** (Check all that apply)
35.A. ☒ All pipes 12 inches or greater in diameter, including stormwater flow direction in those pipes
35.B. ☒ Outfalls, including a unique identification (ID) number, and an associated geographic coordinate
35.C. ☒ Structural stormwater BMPs that are part of your small MS4
35.D. ☒ All receiving waters

*36. **Permit item 18.4:** Do you have a regulatory mechanism(s) that prohibits non-stormwater discharges into your MS4?

☒ Yes

☐ No (skip to Q39)

37. **If yes in Q36, what does your regulatory mechanism(s) consist of?** (Check all that apply)

37.A. ☒ Contract language

37.B. ☒ Ordinance

37.C. ☒ Permits

37.D. ☒ Standards

37.E. ☒ Written policies

37.F. ☒ Operational plans

37.G. ☒ Legal agreements

37.H. ☐ Other mechanism(s) (describe below):

37.I.

38. **If yes in Q36,** provide a website address to the regulatory mechanism(s). If the regulatory mechanism is not available online, briefly describe how a copy of the regulatory mechanism can be obtained**:**

https://www.minnstate.edu/board/procedure/524p2g1.html

If you represent a **city, township, or county** please answer question 39. ***If you do not*** *represent a city, township, or county skip to question 42.*

39. **Permit item 18.5:** Do you have a regulatory mechanism(s) that requires owners or custodians of pets to remove and properly dispose of feces from permittee owned land areas? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☐ Yes

☐ No

If you represent a **city or township**, please answer questions 40-41. ***If you do not*** *represent a city or township, skip to question 42.*

40. **Permit item 18.6:** Do you have a regulatory mechanism(s) that requires proper salt storage at commercial, institutional, and non-NPDES permitted industrial facilities? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☐ Yes

☐ No (Skip to Q42)

41. **If yes in Q40,** what does your regulatory mechanism(s) require? (Check all that apply)

41.A. ☐ Designated salt storage areas must be covered or indoors

41.B. ☐ Designated salt storage areas must be located on an impervious surface

41.C. ☐ Implementation of practices to reduce exposure when transferring material in designated salt storage areas (e.g., sweeping, diversions, and containment)

41.D. ☐ Other (describe below):

41.E.

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*42. **Permit item 18.7:** Do you incorporate illicit discharge detection into all inspection and maintenance activities conducted in permit items 21.9, 21.10, and 21.11?

☒ Yes

☐ No (Skip to Q44)

43. **If yes in Q42**: where feasible, do you conduct illicit discharge inspections during dry-weather conditions (e.g., periods of 72 or more hours of no precipitation)?

☒ Yes

☐ No

*44. **Permit item 18.8:** At least once each calendar year, do you train all field staff in illicit discharge recognition (including conditions which could cause illicit discharges), and reporting illicit discharges for further investigation? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes
☐ No (Skip to Q47)

45. **If yes in Q44, which field staff do you train?** (Check all that apply)

45.A. ☐ Police
45.B. ☐ Fire department
45.C. ☐ Public works
45.D. ☐ Parks staff
45.E. ☒ Other (describe below):
45.F. campus maintenance staff, security staff

46. **If yes in Q44, how do you train staff?** (Check all that apply)

46.A. ☒ Videos
46.B. ☒ In-person presentations
46.C. ☐ Webinars
46.D. ☒ Training documents
46.E. ☐ Emails
46.F. ☐ Other (describe below):
46.G.

*47. **Permit item 18.9:** Do you ensure that individuals receive training commensurate with their responsibilities as they relate to your IDDE program? Individuals includes, but is not limited to, individuals responsible for investigating, locating, eliminating illicit discharges, and/or enforcement. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes
☐ No (Skip to Q50)

48. **If yes in Q47, how are these individuals trained?** (Check all that apply)

48.A. ☒ Videos
48.B. ☒ In-person presentations
48.C. ☐ Webinars
48.D. ☒ Training documents
48.E. ☐ Emails
48.F. ☐ Other (describe below):
48.G.

49. **If yes in Q47, do previously trained individuals attend a refresher-training every three (3) calendar years following the initial training?**

☒ Yes
☐ No

*50. **Permit item 18.10:** Do you maintain a written or mapped inventory of priority areas you identify as having a higher likelihood for illicit discharges? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes
☐ No

*51. **Permit item 18.11:** To the extent allowable under state or local law, do you conduct additional illicit discharge inspections in priority areas?

☒ Yes

☐ No (Skip to Q53)

52. **If yes in Q51,** how often do you conduct illicit discharge inspections in priority areas**:**

monthly inspection from April to October and one inspection in the winter

*53. **Permit item 18.12:** Do you have written procedures for investigating, locating, and eliminating the source of illicit discharges? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes

☐ No (Skip to Q55)

54. **If yes in Q53, what do your procedures include? Check all that apply:** ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

54.A. ☒ A timeframe in which you will investigate a reported illicit discharge

54.A.1. If checked, describe:
Once reported, the investigation will take place in the next 48 hours.

54.B. ☒ Use of visual inspections to detect and track the source of an illicit discharge

54.C. ☒ Tools to investigate and locate an illicit discharge

If checked, what tools do you use? (Check all that apply)

54.C.1. ☒ Mobile cameras

54.C.2. ☐ Collecting and analyzing water samples

54.C.3. ☐ Smoke testing

54.C.4. ☐ Dye testing

54.C.5. ☐ Other (describe below):
54.C.6

54.D ☐ Cleanup methods to remove an illicit discharge or spill:

54.D.1. If checked, describe:

54.E ☒ Name or position title of responsible person(s) for investigating, locating, and eliminating an illicit discharge

54.E.1. If checked, specify the name(s) or position title(s):
Erin Lynne, Environmental Health and Safety Officer

*55. **Permit item 18.13:** Do you have written procedures for responding to spills, including emergency response procedures to prevent spills from entering the MS4?

☒ Yes

☐ No (Skip to Q57)

56. **If yes in Q55, do your written procedures include the immediate notification of the Minnesota Department of Public Safety Duty Officer at 1-800-422-0798 (toll free) or 651-649-5451 (Metro area), if the source of the illicit discharge is a spill or leak as defined in Minn. Stat. § 115.061?**

☒ Yes

☐ No

*57. **Permit item 18.14:** Do you maintain written enforcement response procedures (ERPs) to compel compliance with your regulatory mechanism(s) in Section 18? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes
☐ No (Skip to Q60)

58. **If yes in Q57, which of the following enforcement tools are available to you?** (Check all that apply)

58.A. ☒ Verbal warning
58.B. ☒ Notice of violation
58.C. ☐ Fine
58.D. ☐ Criminal action
58.E. ☐ Civil penalty
58.F. ☐ Other (describe below):
58.G.

59. **If yes in Q57, do your ERPs include the following?** (Check all that apply)

59.A. ☒ Timeframes to complete corrective actions
59.B. ☒ Name or position title of responsible person(s) for conducting enforcement

*60. **Permit item 18.15:** Do you document information relating to MCM 3?

☒ Yes
☐ No (Skip to Q62)

61. **If yes in Q60, what do you document?** (Check all that apply)

61.A. ☒ Date(s) and location(s) of IDDE inspections conducted in accordance with permit items 18.7 and 18.11
61.B. ☒ Reports of alleged illicit discharges received, including date(s) of the report(s), and any follow-up action(s) you take
61.C. ☒ Date(s) of discovery of all illicit discharges
61.D. ☒ Identification of outfalls, or other areas, where illicit discharges have been discovered
61.E. ☒ Sources (including a description and the responsible party) of illicit discharges (if known)
61.F. ☒ Action(s) you take, including date(s), to address discovered illicit discharges

*62. **Permit item 18.16:** Do you document training relating to permit item 18.8 and 18.9?

☒ Yes
☐ No (Skip to Q64)

63. **If yes in Q62, what training information do you document?** (Check all that apply)

63.A. ☒ General subject matter covered
63.B. ☒ Names and departments of individuals in attendance
(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)
63.C. ☒ Date of each event

*64. **Permit item 18.17:** Do you document enforcement conducted pursuant to the ERPs in item 18.14, including verbal warnings?

☒ Yes
☐ No (Skip to Q66)

65. **If yes in Q64, what do you document relating to ERPs for MCM 3?** (Check all that apply)

65.A. ☒ Name of the person responsible for violating the terms and conditions of your regulatory mechanism(s)
65.B. ☒ Date(s) and location(s) of the observed violation(s)
65.C. ☒ Description of the violation(s)
65.D. ☒ Corrective action(s) (including completion schedule) that you issued
65.E. ☒ Referrals to other regulatory organizations (if any)
65.F. ☒ Date(s) violation(s) resolved

*66. **Permit item 12.4:** Who is responsible for implementation of this MCM? List name(s) or position title(s):
Erin Lynne, Environmental Health and Safety Officer

67. **Provide any additional information about your current illicit discharge detection and elimination program that you would like to share (optional): (Maximum 10 lines of text)**

MCM 4: Construction site stormwater runoff control

*68. **Permit item 19.3:** Do you have a regulatory mechanism(s) that establishes requirements for erosion, sediment, and waste controls?

☒ Yes
☐ No (skip to Q73)

69. **If yes in Q68, what does your regulatory mechanism(s) consist of?** (Check all that apply)

69.A. ☒ Contract language
69.B. ☒ Ordinance
69.C. ☒ Permits
69.D. ☒ Standards
69.E. ☒ Written policies
69.F. ☒ Operational plans
69.G. ☒ Legal agreements
69.H. ☐ Other mechanism(s) (describe below):
69.I.

70. **If yes in Q68, provide a website address to the regulatory mechanism(s). If the regulatory mechanism is not available online, briefly describe how a copy of the regulatory mechanism can be obtained:**
https://www.minnstate.edu/board/procedure/524p2g2.html

71. **If yes in Q68, is your regulatory mechanism(s) at least as stringent as the MPCA's most current Construction Stormwater General Permit (MNR100001) for erosion, sediment, and waste controls by incorporating the Construction Stormwater General Permit by reference, or by incorporating all items in Q72?**

☒ Yes (skip to Q73)
☐ No

72. **If no in Q71, which of the following requirements are incorporated into your regulatory mechanism(s)?** (Check all that apply)

72.A. Erosion prevention practices:

72.A.1. ☐ Before work begins, owner(s)/operator(s) must delineate the location of areas not to be disturbed.

72.A.2. ☐ Owner(s)/operator(s) must minimize the need for disturbance of portions of the project with steep slopes. When steep slopes must be disturbed, owner(s)/operator(s) must use techniques such as phasing and stabilization practices designed for steep slopes (e.g., slope draining and terracing).

72.A.3. ☐ Owner(s)/operator(s) must stabilize all exposed soil areas, including stockpiles. Stabilization must be initiated immediately to limit soil erosion when construction activity has permanently or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days. Stabilization must be completed no later than 14 calendar days after the construction activity has ceased. Stabilization is not required on constructed base components of roads, parking lots and similar surfaces. Stabilization is not required on temporary stockpiles without significant silt, clay or organic components (e.g., clean aggregate stockpiles, demolition concrete stockpiles, sand stockpiles) but owner(s)/operator(s) must provide sediment controls at the base of the stockpile.

72.A.4. ☐ For Public Waters that the Minnesota Department of Natural Resources (DNR) has promulgated "work in water restrictions" during specified fish spawning time frames, owner(s)/operator(s) must complete stabilization of all exposed soil areas within 200 feet of the water's edge, and that drain to these waters, within 24 hours during the restriction period.

72.A.5. ☐ Owner(s)/operator(s) must stabilize the normal wetted perimeter of the last 200 linear feet of temporary or permanent drainage ditches or swales that drain water from the site within 24 hours after connecting to a surface water or property edge. Owner(s)/operator(s) must complete stabilization of the remaining portions of temporary or permanent ditches or swales within 14 calendar days after connecting to a surface water or property edge and construction in that portion of the ditch temporarily or permanently ceases.

72.A.6. ☐ Temporary or permanent ditches or swales that are being used as a sediment containment system during construction (with properly designed rock-ditch checks, bio rolls, silt dikes, etc.) do not need to be stabilized. Owner(s)/operator(s) must stabilize these areas within 24 hours after their use as a sediment containment system ceases.

72.A.7. ☐ Owner(s)/operator(s) must not use mulch, hydromulch, tackifier, polyacrylamide or similar erosion prevention practices within any portion of the normal wetted perimeter of a temporary or permanent drainage ditch or swale section with a continuous slope of greater than two percent.

72.A.8. ☐ Owner(s)/operator(s) must provide temporary or permanent energy dissipation at all pipe outlets within 24 hours after connection to a surface water or permanent stormwater treatment system.

72.A.9. ☐ Owner(s)/operator(s) must not disturb more land (i.e., phasing) than can be effectively inspected and maintained.

72.B. Sediment control practices:

72.B.1. ☐ Owner(s)/operator(s) must establish sediment control BMPs on all down gradient perimeters of the site and downgradient areas of the site that drain to any surface water, including curb and gutter systems. Owner(s)/operator(s) must locate sediment control practices upgradient of any buffer zones. Owner(s)/operator(s) must install sediment control practices before any upgradient land-disturbing activities begin and must keep the sediment control practices in place until they establish permanent cover.

72.B.2. ☐ If the downgradient sediment controls are overloaded, based on frequent failure or excessive maintenance requirements, owner(s)/operator(s) must install additional upgradient sediment control practices or redundant BMPs to eliminate the overloading and amend the site plans to identify these additional practices.

72.B.3. ☐ Temporary or permanent drainage ditches and sediment basins designed as part of a sediment containment system (e.g., ditches with rock-check dams) require sediment control practices only as appropriate for site conditions.

72.B.4. ☐ A floating silt curtain placed in the water is not a sediment control BMP to satisfy perimeter control requirements in this part except when working on a shoreline or below the waterline. Immediately after the short term construction activity (e.g. installation of rip rap along the shoreline) in that area is complete, owner(s)/operator(s) must install an upland perimeter control practice if exposed soils still drain to a surface water.

72.B.5. ☐ Owner(s)/operator(s) must re-install all sediment control practices adjusted or removed to accommodate short-term activities such as clearing or grubbing, or passage of vehicles, immediately after the short-term activity is completed. Owner(s)/operator(s) must re-install sediment control practices before the next precipitation event even if the short-term activity is not complete.

72.B.6. ☐ Owner(s)/operator(s) must protect all storm drain inlets using appropriate BMPs during construction until they establish permanent cover on all areas with potential for discharging to the inlet.

72.B.7. ☐ Owner(s)/operator(s) may remove inlet protection for a particular inlet if a specific safety concern (e.g., street flooding/freezing) is identified by owner(s)/operator(s) or the jurisdictional authority (e.g., city/county/township/MnDOT engineer). Owner(s)/operator(s) must document the need for removal in the site plans.

72.B.8. ☐ Owner(s)/operator(s) must provide silt fence or other effective sediment controls at the base of stockpiles on the downgradient perimeter.

72.B.9. ☐ Owner(s)/operator(s) must locate stockpiles outside of natural buffers or surface waters, including stormwater conveyances such as curb and gutter systems unless there is a bypass in place for the stormwater.

72.B.10. ☐ Owner(s)/operator(s) must install a vehicle tracking BMP to minimize the track out of sediment from the construction site or onto paved roads within the site.

72.B.11. ☐ Owner(s)/operator(s) must use street sweeping if vehicle tracking BMPs are not adequate to prevent sediment tracking onto the street.

72.B.12. ☐ In any areas of the site where final vegetative stabilization will occur, owner(s)/operator(s) must restrict vehicle and equipment use to minimize soil compaction.

72.B.13. ☐ Owner(s)/operator(s) must preserve topsoil on the site, unless infeasible.

72.B.14. ☐ Owner(s)/operator(s) must direct discharges from BMPs to vegetated areas unless infeasible.

72.B.15. ☐ Owner(s)/operator(s) must preserve a 50 foot natural buffer or, if a buffer is infeasible on the site, provide redundant (double) perimeter sediment controls when a surface water is located within 50 feet of the project's earth disturbances and stormwater flows to the surface water. Owner(s)/operator(s) must install

perimeter sediment controls at least 5 feet apart unless limited by lack of available space. Natural buffers are not required adjacent to road ditches, judicial ditches, county ditches, stormwater conveyance channels, storm drain inlets, and sediment basins. If preserving the buffer is infeasible, owner(s)/operator(s) must document the reasons in the site plans. Sheet piling is a redundant perimeter control if installed in a manner that retains all stormwater.

72.B.16. ☐ Owner(s)/operator(s) must use polymers, flocculants, or other sedimentation treatment chemicals in accordance with accepted engineering practices, dosing specifications and sediment removal design specifications provided by the manufacturer or supplier. Owner(s)/operator(s) must use conventional erosion and sediment controls prior to chemical addition and must direct treated stormwater to a sediment control system for filtration or settlement of the floc prior to discharge.

72.C. Dewatering and basin draining:

72.C.1. ☐ Owner(s)/operator(s) must discharge turbid or sediment-laden waters related to dewatering or basin draining (e.g., pumped discharges, trench/ditch cuts for drainage) to a temporary or permanent sediment basin on the project site unless infeasible. Owner(s)/operator(s) may dewater to surface waters if they visually check to ensure adequate treatment has been obtained and nuisance conditions (see Minn. R. 7050.0210, subp. 2) will not result from the discharge. If owner(s)/operator(s) cannot discharge the water to a sedimentation basin prior to entering a surface water, owner(s)/operator(s) must treat it with appropriate BMPs such that the discharge does not adversely affect the surface water or downstream properties.

72.C.2. ☐ If owner(s)/operator(s) must discharge water that contains oil or grease, owner(s)/operator(s) must use an oil-water separator or suitable filtration device (e.g. cartridge filters, absorbents pads) prior to discharge.

72.C.3. ☐ Owner(s)/operator(s) must discharge all water from dewatering or basin-draining activities in a manner that does not cause erosion or scour in the immediate vicinity of discharge points or inundation of wetlands in the immediate vicinity of discharge points that causes significant adverse impact to the wetland.

72.C.4. ☐ If owner(s)/operator(s) use filters with backwash water, they must haul the backwash water away for disposal, return the backwash water to the beginning of the treatment process, or incorporate the backwash water into the site in a manner that does not cause erosion.

72.D. Inspection and maintenance:

72.D.1. ☐ Owner(s)/operator(s) must ensure that a trained person will inspect the entire construction site at least once every seven (7) days during active construction and within 24 hours after a rainfall event greater than one-half inch in 24 hours.

72.D.2. ☐ Owner(s)/operator(s) must inspect and maintain all permanent stormwater treatment BMPs.

72.D.3. ☐ Owner(s)/operator(s) must inspect all erosion prevention and sediment control BMPs and Pollution Prevention Management Measures to ensure integrity and effectiveness. Owner(s)/operator(s) must repair, replace, or supplement all nonfunctional BMPs with functional BMPs by the end of the next business day after discovery unless another time frame is specified below. Owner(s)/operator(s) may take additional time if field conditions prevent access to the area.

72.D.4. ☐ During each inspection, owner(s)/operator(s) must inspect surface waters, including drainage ditches and conveyance systems but not curb and gutter systems, for evidence of erosion and sediment deposition. Owner(s)/operator(s) must remove all deltas and sediment deposited in surface waters, including drainage ways, catch basins, and other drainage systems and restabilize the areas where sediment removal results in exposed soil. Owner(s)/operator(s) must complete removal and stabilization within seven (7) calendar days of discovery unless precluded by legal, regulatory, or physical access constraints. Owner(s)/operator(s) must use all reasonable efforts to obtain access. If precluded, removal and stabilization must take place within seven (7) calendar days of obtaining access. Owner(s)/operator(s) are responsible for contacting all local, regional, state and federal authorities and receiving any applicable permits, prior to conducting any work in surface waters.

72.D.5. ☐ Owner(s)/operator(s) must inspect construction site vehicle exit locations, streets and curb and gutter systems within and adjacent to the project for sedimentation from erosion or tracked sediment from vehicles. Owner(s)/operator(s) must remove sediment from all paved surfaces within one (1) calendar day of discovery or, if applicable, within a shorter time to avoid a safety hazard to users of public streets.

72.D.6. ☐ Owner(s)/operator(s) must repair, replace, or supplement all perimeter control devices when they become nonfunctional or the sediment reaches one-half of the height of the device.

72.D.7. ☐ Owner(s)/operator(s) must drain temporary and permanent sedimentation basins and remove the sediment when the depth of sediment collected in the basin reaches one-half of the storage volume.

72.D.8. ☐ Owner(s)/operator(s) must ensure that at least one individual present on the site (or available to the project site in three (3) calendar days) is trained in the job duties of overseeing the implementation of, revising and/or amending the site plans and performing inspections for the project.

72.D.9. ☐ Owner(s)/operator(s) may adjust the inspection schedule as follows:

a. inspections of areas with permanent cover can be reduced to once per month, even if construction activity continues on other portions of the site; or
b. where construction sites have permanent cover on all exposed soil areas and no construction activity is occurring anywhere on the site, inspections can be reduced to once per month and, after 12 months, may be suspended completely until construction activity resumes. The MPCA may require inspections to resume if conditions warrant; or

c. where construction activity has been suspended due to frozen ground conditions, inspections may be suspended. Inspections must resume within 24 hours of runoff occurring, or upon resuming construction, whichever comes first.

72.D.10 ☐ Owner(s)/operator(s) must record all inspections and maintenance activities within 24 hours of being conducted and these records must be retained with the site plans. These records must include:

a. date and time of inspections; and

b. name of person(s) conducting inspections; and

c. accurate findings of inspections, including the specific location where corrective actions are needed; and

d. corrective actions taken (including dates, times, and party completing maintenance activities); and

e. date of all rainfall events greater than one-half inch in 24 hours, and the amount of rainfall for each event. Owner(s)/operator(s) must obtain rainfall amounts by either a properly maintained rain gauge installed onsite, a weather station that is within one (1) mile of owner(s)/operator(s)r location, or a weather reporting system that provides site specific rainfall data from radar summaries; and

f. if owner(s)/operator(s) observe a discharge during the inspection, they must record and should photograph and describe the location of the discharge (i.e., color, odor, settled or suspended solids, oil sheen, and other obvious indicators of pollutants); and

g. any amendments to the site plans proposed as a result of the inspection must be documented within seven (7) calendar days.

72.E. Inspection and maintenance:

72.E.1. ☐ Owner(s)/operator(s) must place building products and landscape materials under cover (e.g., plastic sheeting or temporary roofs) or protect them by similarly effective means designed to minimize contact with stormwater. Owner(s)/operator(s) are not required to cover or protect products which are either not a source of contamination to stormwater or are designed to be exposed to stormwater.

72.E.2. ☐ Owner(s)/operator(s) must place pesticides, fertilizers and treatment chemicals under cover (e.g., plastic sheeting or temporary roofs) or protect them by similarly effective means designed to minimize contact with stormwater.

72.E.3. ☐ Owner(s)/operator(s) must store hazardous materials and toxic waste, (including oil, diesel fuel, gasoline, hydraulic fluids, paint solvents, petroleum-based products, wood preservatives, additives, curing compounds, and acids) in sealed containers to prevent spills, leaks or other discharge. Storage and disposal of hazardous waste materials must be in compliance with Minn. R. ch. 7045 including secondary containment as applicable.

72.E.4. ☐ Owner(s)/operator(s) must properly store, collect, and dispose of solid waste in compliance with Minn. R. ch. 7035.

72.E.5. ☐ Owner(s)/operator(s) must position portable toilets so they are secure and will not tip or be knocked over. Owner(s)/operator(s) must dispose of sanitary waste in accordance with Minn. R. ch. 7041.

72.E.6. ☐ Owner(s)/operator(s) must take reasonable steps to prevent the discharge of spilled or leaked chemicals, including fuel, from any area where chemicals or fuel will be loaded or unloaded including the use of drip pans or absorbents unless infeasible. Owner(s)/operator(s) must ensure adequate supplies are available at all times to clean up discharged materials and that an appropriate disposal method is available for recovered spilled materials. Owner(s)/operator(s) must report and clean up spills immediately as required by Minn. Stat. § 115.061, using dry clean up measures where possible.

72.E.7. ☐ Owner(s)/operator(s) must limit vehicle exterior washing and equipment to a defined area of the site. Owner(s)/operator(s) must contain runoff from the washing area in a sediment basin or other similarly effective controls and must dispose of waste from the washing activity properly. Owner(s)/operator(s) must properly use and store soaps, detergents, or solvents.

72.E.8. ☐ Owner(s)/operator(s) must provide effective containment for all liquid and solid wastes generated by washout operations (e.g., concrete, stucco, paint, form release oils, curing compounds and other construction materials) related to the construction activity. Owner(s)/operator(s) must prevent liquid and solid washout wastes from contacting the ground and must design the containment so it does not result in runoff from the washout operations or areas. Owner(s)/operator(s) must properly dispose of liquid and solid wastes in compliance with Minn. R. ch. 7035. Owner(s)/operator(s) must install a sign indicating the location of the washout facility.

72.F. Temporary sediment basins:

72.F.1. ☐ Where ten (10) or more acres of disturbed soil drain to a common location, owner(s)/operator(s) must provide a temporary sediment basin to provide treatment of the runoff before it leaves the construction site or enters surface waters. Owner(s)/operator(s) may convert a temporary sediment basin to a permanent basin after construction is complete. The temporary basin is no longer required when permanent cover has reduced the acreage of disturbed soil to less than ten (10) acres draining to a common location.

72.F.2. ☐ The temporary basin must provide live storage for a calculated volume of runoff from a two (2)-year, 24-hour storm from each acre drained to the basin or 1,800 cubic feet of live storage per acre drained, whichever is greater.

72.F.3. ☐ Where owner(s)/operator(s) have not calculated the two (2)-year, 24-hour storm runoff amount, the temporary sediment basin must provide 3,600 cubic feet of live storage per acre of the basin's drainage area.

72.F.4. ☐ Owner(s)/operator(s) must design basin outlets to prevent short-circuiting and the discharge of floating debris.

72.F.5. ☐ Owner(s)/operator(s) must design the outlet structure to withdraw water from the surface to minimize the discharge of pollutants. Owner(s)/operator(s) may temporarily suspend the use of a surface withdrawal mechanism during frozen conditions. The basin must include a stabilized emergency overflow to prevent failure of pond integrity.

72.F.6. ☐ Owner(s)/operator(s) must provide energy dissipation for the basin outlet within 24 hours after connection to a surface water.

72.F.7. ☐ Owner(s)/operator(s) must locate temporary basins outside of surface waters and any required buffer zones.

72.F.8. ☐ Owner(s)/operator(s) must construct temporary basins prior to disturbing (10) or more acres of soil draining to a common location.

72.F.9. ☐ Where a temporary sediment basin meeting the requirements of this part is infeasible, owner(s)/operator(s) must install effective sediment controls such as smaller sediment basins and/or sediment traps, silt fences, vegetative buffer strips or any appropriate combination of measures as dictated by individual site conditions. In determining whether installing a sediment basin is infeasible, owner(s)/operator(s) must consider public safety and may consider factors such as site soils, slope, and available area on-site. Owner(s)/operator(s) must document this determination of infeasibility in the site plans.

72.G. Termination conditions:

72.G.1. ☐ Owner(s)/operator(s) must complete all construction activity and must install permanent cover over all areas. Vegetative cover must consist of a uniform perennial vegetation with a density of 70 percent of its expected final growth. Vegetation is not required where the function of a specific area dictates no vegetation, such as impervious surfaces or the base of a sand filter.

72.G.2. ☐ Owner(s)/operator(s) must clean the permanent stormwater treatment system of any accumulated sediment and must ensure the system meets all applicable requirements and is operating as designed.

72.F.3. ☐ Owner(s)/operator(s) must remove all sediment from conveyance systems.

72.G.4. ☐ Owner(s)/operator(s) must remove all temporary synthetic erosion prevention and sediment control BMPs. Owner(s)/operator(s) may leave BMPs designed to decompose on-site in place.

72.G.5. ☐ For residential construction only, permit coverage terminates on individual lots if the structure(s) are finished and temporary erosion prevention and downgradient perimeter control is complete and the residence sells to the homeowner.

72.G.6. ☐ For construction projects on agricultural land (e.g., pipelines across cropland), owner(s)/operator(s) must return the disturbed land to its preconstruction agricultural use.

72.H. If applicable, additional requirements for discharges to special and impaired waters:

72.H.1. ☐ Owner(s)/operator(s) must immediately initiate stabilization of exposed soil areas, and complete the stabilization within seven (7) calendar days after the construction activity in that portion of the site temporarily or permanently ceases.

72.H.2. ☐ Owner(s)/operator(s) must provide a temporary sediment basin for common drainage locations that serve an area with five (5) or more acres disturbed at one time.

72.H.3. ☐ Owner(s)/operator(s) must include an undisturbed buffer zone of not less than 100 linear feet from a special water (not including tributaries) and must maintain this buffer zone at all times, both during construction and as a permanent feature post construction, except where a water crossing or other encroachment is necessary to complete the project. Owner(s)/operator(s) must fully document the circumstance and reasons the buffer encroachment is necessary in the site plans and include restoration activities. Owner(s)/operator(s) must minimize all potential water quality, scenic and other environmental impacts of these exceptions by the use of additional or redundant (double) BMPs and must document this in the site plans for the project.

72.H.4. ☐ Owner(s)/operator(s) must conduct routine site inspections once every three (3) days for projects that discharge to prohibited waters.

*73. **Permit item 19.5:** Does your regulatory mechanism(s) require that owners and operators of construction activity develop site plans that must be submitted to you for review and confirmation that regulatory mechanism(s) requirements have been met, prior to the start of construction activity?

☒ Yes
☐ No

*74. **Permit item 19.6:** Do you have written procedures for site plan reviews to ensure compliance with requirements of the regulatory mechanism(s)? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes
☐ No (Skip to Q76)

75. **If yes in Q74, do your procedures include the following?** (Check all that apply)

75.A. ☒ Written notification to owners and operators of the need to apply for and obtain coverage under the CSW Permit.

75.B. ☒ Use of a written checklist, consistent with the requirements of the regulatory mechanism(s), to document the adequacy of each site plan required.

*76. **Permit item 19.7:** Do you have written procedures for conducting site inspections to determine compliance with your regulatory mechanism(s)?

☒ Yes

☐ No

*77. **Permit item 19.8:** Do you maintain written procedures for identifying high-priority and low-priority sites for inspection? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes

☐ No (Skip to Q79)

78. **If yes in Q77, do your procedures include the following?** (Check all that apply)

78.A. ☒ A detailed explanation describing how sites will be categorized as either high-priority or low-priority.

If checked, how do you prioritize sites for inspection? (Check all that apply)

78.A.1. ☐ Site topography

78.A.2. ☐ Soil characteristics

78.A.3. ☐ Types of receiving water(s)

78.A.4. ☒ Stage of construction

78.A.5. ☐ Compliance history

78.A.6. ☒ Weather conditions

78.A.7. ☐ Citizen complaints

78.A.8. ☐ Project size

78.A.9. ☐ Other (describe below):

78.A.10.

78.B. ☒ A frequency at which you will conduct inspections for high-priority sites.

If checked, how often will you inspect high-priority sites? (Check only one)

78.B.1. ☐ More than once every seven (7) days

78.B.2. ☒ Once every seven (7) days

78.B.3. ☐ Once every 14 days

78.B.4. ☐ Once every 21 days

78.B.5. ☐ Once every 30 days

78.B.6. ☒ Other (describe below):

78.B.7. within 24 hours after a rainfall of more than 0.5 inch

78.C. ☒ A frequency at which you will conduct inspections for low-priority sites.

If checked, how often will you inspect low-priority sites? (Check only one)

78.C.1. ☐ More than once every seven (7) days

78.C.2. ☒ Once every seven (7) days

78.C.3. ☐ Once every 14 days

78.C.4. ☐ Once every 21 days

78.C.5. ☐ Once every 30 days

78.C.6. ☒ Other (describe below):

78.C.7. within 24 hours after a rainfall of more than 0.5 inch

78.D. ☒ The name(s) of individual(s) or position title(s) responsible for conducting site inspections:
Brady Schmitz, Water Resources Engineer, Stantec
Megan Ambuehl, Civil Engineer, Stantec

*79. **Permit item 19.9:** Do you use a written checklist to document each site inspection when determining compliance with your regulatory mechanism(s)? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes
☐ No (Skip to Q82)

80. **If yes in Q79, are the following items incorporated in your written checklist?** (Check all that apply)

80.A. ☒ Stabilization of exposed soils (including stockpiles)
80.B. ☒ Stabilization of ditch and swale bottoms
80.C. ☒ Sediment control BMPs on all downgradient perimeters of the project and upgradient of buffer zones
80.D. ☒ Storm drain inlet protection
80.E. ☒ Energy dissipation at pipe outlets
80.F. ☒ Vehicle tracking BMPs
80.G. ☒ Preservation of a 50 foot natural buffer or redundant sediment controls where stormwater flows to a surface water within 50 feet of disturbed soils
80.H. ☒ Owner/operator of construction activity self-inspection records
80.I. ☒ Containment for all liquid and solid wastes generated by washout operations (e.g., concrete, stucco, paint, form release oils, curing compounds, and other construction materials)
80.J. ☒ BMPs maintained and functional

81. **Provide any additional information on your process to document site inspections (optional):**

*82. **Permit item 19.10:** Do you have written procedures for receipt and consideration of reports of noncompliance or other stormwater related information on construction activity submitted to you by the public?

☒ Yes
☐ No (Skip to Q84)

83. **If yes in Q82, please provide your procedures or a description of your procedures (e.g., how the public may submit concerns, typical timeframe for you to investigate reports):**

Results of construction inspections are provided to the Environmental Health and Safety Officer and/or other staff appointed to receive these documents. If construction operations are not consistent with MnSCU contract language pertaining to stormwater management, the college may issue a stop-work order. Permit violations are also subject to the enforcement response procedures adopted by the City of Brooklyn Park.

*84. **Permit item 19.11:** Do individuals receive training commensurate with their responsibilities as they relate to your Construction Site Stormwater Runoff Control program? Individuals includes, but is not limited to, individuals responsible for conducting site plan reviews, site inspections, and/or enforcement.

☒ Yes
☐ No (Skip to Q87)

85. **If yes in Q84, do previously trained individuals attend a refresher-training every three (3) calendar years following the initial training?** ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes
☐ No

86. **If yes in Q84, what training do your staff who perform site inspections receive?** (Check all that apply)

86.A. ☒ University of Minnesota Erosion and Stormwater Management Certification Program
86.B. ☐ Qualified Compliance Inspector of Stormwater
86.C. ☐ Minnesota Laborers Training Center Stormwater Pollution Prevention Plan Installer or Supervisor
86.D. ☐ Minnesota Utility Contractors Association Erosion Control Training
86.E. ☐ Certified Professional in Erosion and Sediment Control
86.F. ☐ Certified Professional in Stormwater Quality
86.G. ☐ Certified Erosion Sediment and Storm Water Inspector
86.H. ☐ Other (describe below):
86.I.

*87. **Permit item 19.12:** Do you maintain written ERPs to compel compliance with your regulatory mechanism(s) in Section 19? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes
☐ No (Skip to Q89)

88. **If yes in Q87, which enforcement tools are included in your ERPs?** (Check all that apply)

88.A. ☒ Verbal warning
88.B. ☐ Notice of violation
88.C. ☐ Administrative order
88.D. ☒ Stop work order
88.E. ☐ Fine
88.F. ☐ Forfeit of security bond money
88.G. ☐ Withholding of certificate of occupancy
88.H. ☐ Criminal action
88.I. ☐ Civil penalty
88.J. ☐ Other (describe below):
88.K.

*89. **Please specify name or position title of responsible person(s) for conducting enforcement:**
Erin Lynne, Environmental Health and Safety Officer

*90. **Permit item 19.13:** Do you document each site plan review you conduct?

☒ Yes
☐ No (Skip to Q92)

91. **If yes in Q90, what do you document in your site plan review process?** (Check all that apply)

91.A. ☒ Project name
91.B. ☒ Location
91.C. ☒ Total acreage to be disturbed
91.D. ☒ Owner and operator of the proposed construction activity
91.E. ☒ Proof of notification to obtain coverage under the CSW Permit or proof of coverage under the CSW Permit ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
91.F. ☒ Any stormwater related comments and supporting completed checklist, to determine project approval or denial ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

*92. **Permit item 19.14:** Do you document training related to permit item 19.11?
☒ Yes
☐ No (Skip to Q94)

93. **If yes in Q92, what do you document?** (Check all that apply)
93.A. ☒ General subject matter covered
93.B. ☒ Name(s) and departments of individuals in attendance
(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)
93.C. ☒ Date of each event

*94. **Permit item 19.15:** Do you document enforcement conducted pursuant to your ERPs in item 19.12, including verbal warnings?
☒ Yes
☐ No (Skip to Q96)

95. **If yes in Q94, what do you document relating to ERPs for MCM 4?** (Check all that apply)
95.A. ☒ Name of the person responsible for violating the terms and conditions of your regulatory mechanism(s)
95.B. ☒ Date(s) and location(s) of the observed violation(s)
95.C. ☒ Description of the violation(s)
95.D. ☒ Corrective action(s) (including completion schedule) that you issued
95.E. ☒ Referrals to other regulatory organizations (if any)
95.F. ☒ Date(s) violation(s) resolved

*96. **Permit item 12.4: Who is responsible for implementation of this MCM? List name(s) or position title(s):**
Erin Lynne, Environmental Health and Safety Officer

97. **Provide any additional information about your current construction site stormwater runoff control program that you would like to share (optional): (Maximum 10 lines of text)**

MCM 5: Post-construction stormwater management

*98. **Permit item 20.3:** Do you have a post-construction stormwater management regulatory mechanism(s)?
☒ Yes
☐ No (skip to Q102)

99. **If yes in Q98, what does your regulatory mechanism(s) consist of?** (Check all that apply)
99.A. ☒ Contract language
99.B. ☒ Ordinance
99.C. ☒ Permits
99.D. ☒ Standards
99.E. ☒ Written policies
99.F. ☒ Operational plans
99.G. ☒ Legal agreements
99.H. ☐ Other mechanism(s) (describe below):
99.I.

100. **If yes in Q98, provide a website address to the regulatory mechanism(s). If the regulatory mechanism is not available online, briefly describe how a copy of the regulatory mechanism can be obtained:**
https://www.minnstate.edu/board/procedure/524p2g2.html

101. **If yes in Q98, which of the following requirements are incorporated into your regulatory mechanism?** (Check all that apply)

101.A. ☒ **Permit item 20.4:** You must require owners of construction activity to submit site plans with post-construction stormwater management BMPs designed with accepted engineering practices to you for review and confirmation that regulatory mechanism(s) requirements have been met, prior to start of construction activity.

101.B. ☒ **Permit item 20.5:** You must require owners of construction activity to treat the water quality volume on any project where the sum of the new impervious surface and the fully reconstructed impervious surface equals one or more acres. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

101.C. ☒ **Permit item 20.6:** For construction activity (excluding linear projects), the water quality volume must be calculated as one (1) inch times the sum of the new and the fully reconstructed impervious surface. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

101.D. ☒ **Permit item 20.7:** For linear projects, the water quality volume must be calculated as the larger of one (1) inch times the new impervious surface or one-half (0.5) inch times the sum of the new and the fully reconstructed impervious surface. Where the entire water quality volume cannot be treated within the existing right-of-way, a reasonable attempt to obtain additional right-of-way, easement, or other permission to treat the stormwater during the project planning process must be made. Volume reduction practices must be considered first, as described in item 20.8. Volume reduction practices are not required if the practices cannot be provided cost effectively. If additional right-of-way, easements, or other permission cannot be obtained, owners of construction activity must maximize the treatment of the water quality volume prior to discharge from the MS4. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

101.E. ☒ **Permit item 20.8:** Volume reduction practices (e.g., infiltration or other) to retain the water quality volume on-site must be considered first when designing the permanent stormwater treatment system. This permit does not consider wet sedimentation basins and filtration systems to be volume reduction practices. If this permit prohibits infiltration as described in item 20.9, other volume reduction practices, a wet sedimentation basin, or filtration basin may be considered.

101.F. ☒ **Permit item 20.9:** Infiltration systems must be prohibited when the system would be constructed in areas:

a. That receive discharges from vehicle fueling and maintenance areas, regardless of the amount of new and fully reconstructed impervious surface. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
b. Where high levels of contaminants in soil or groundwater may be mobilized by the infiltrating stormwater. To make this determination, the owners and/or operators of construction activity must complete the MPCA's site screening assessment checklist, which is available in the Minnesota Stormwater Manual, or conduct their own assessment. The assessment must be retained with the site plans. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
c. Where soil infiltration rates are more than 8.3 inches per hour unless soils are amended to slow the infiltration rate below 8.3 inches per hour. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
d. With less than three (3) feet of separation distance from the bottom of the infiltration system to the elevation of the seasonally saturated soils or the top of bedrock.
e. Of predominately Hydrologic Soil Group D (clay) soils. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
f. In an Emergency Response Area (ERA) within a Drinking Water Supply Management Area (DWSMA) as defined in Minn. R. 4720.5100, Subp. 13, classified as high or very high vulnerability as defined by the Minnesota Department of Health. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
g. In an ERA within a DWSMA classified as moderate vulnerability unless you perform or approve a higher level of engineering review sufficient to provide a functioning treatment system and to prevent adverse impacts to groundwater. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
h. Outside of an ERA within a DWSMA classified as high or very high vulnerability unless you perform or approve a higher level of engineering review sufficient to provide a functioning treatment system and to prevent adverse impacts to groundwater. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
i. Within 1,000 feet up-gradient or 100 feet down gradient of active karst features.
(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)

j. That receive stormwater runoff from these types of entities regulated under NPDES for industrial stormwater: automobile salvage yards; scrap recycling and waste recycling facilities; hazardous waste treatment, storage, or disposal facilities; or air transportation facilities that conduct deicing activities.

101.G. ☒ **Permit item 20.10:** For non-linear projects, where the water quality volume cannot cost effectively be treated on the site of the original construction activity, you must identify, or may require owners of the construction activity to identify, locations where off-site treatment projects can be completed. If the entire water quality volume is not addressed on the site of the original construction activity, the remaining water quality volume must be addressed through off-site treatment and, at a minimum, ensure the requirements of permit items 20.11 through 20.14 are met.

101.H. ☒ **Permit item 20.11:** You must ensure off-site treatment project areas are selected in the following order of preference:

a. Locations that yield benefits to the same receiving water that receives runoff from the original construction activity
b. Locations within the same DNR catchment area as the original construction activity
c. Locations in the next adjacent DNR catchment area up-stream
d. Locations anywhere within your jurisdiction

101.I. ☒ **Permit item 20.12:** Off-site treatment projects must involve the creation of new structural stormwater BMPs or the retrofit of existing structural stormwater BMPs, or the use of a properly designed regional structural stormwater BMP. Routine maintenance of structural stormwater BMPs already required by this permit cannot be used to meet this requirement.

101.J. ☒ **Permit item 20.13:** Off-site treatment projects must be completed no later than 24 months after the start of the original construction activity. If you determine that more time is needed to complete the treatment project, you must provide the reason(s) and schedule(s) for completing the project in the annual report.

101.K. ☒ **Permit item 20.14:** If you receive payment from the owner of a construction activity for off-site treatment, you must apply any such payment received to a public stormwater project, and all projects must comply with permit items 20.11 through 20.13.

101.L. ☒ **Permit item 20.15:** You must include the establishment of legal mechanism(s) between you and owners of structural stormwater BMPs not owned or operated by you, that have been constructed to meet the requirements in Section 20. The legal mechanism(s) must include provisions that, at a minimum:

a. Allow you to conduct inspections of structural stormwater BMPs not owned or operated by you, perform necessary maintenance, and assess costs for those structural stormwater BMPs when you determine the owner of that structural stormwater BMP has not ensured proper function.
b. Are designed to preserve your right to ensure maintenance responsibility, for structural stormwater BMPs not owned or operated by you, when those responsibilities are legally transferred to another party.
c. Are designed to protect/preserve structural stormwater BMPs. If structural stormwater BMPs change, causing decreased effectiveness, new, repaired, or improved structural stormwater BMPs must be implemented to provide equivalent treatment to the original BMP.

*102. **Permit item 20.16:** Do you maintain a written or mapped inventory of structural stormwater BMPs that you do not own or operate that meet all of the following criteria? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

a. The structural stormwater BMP includes an executed legal mechanism(s) between you and owners responsible for the long-term maintenance, as required in item 20.15; and
b. The structural stormwater BMP was implemented on or after August 1, 2013.

☒ Yes
☐ No

*103. **Permit item 20.17:** Do you to have written procedures for site plan reviews to ensure compliance with requirements of your regulatory mechanism(s)?

☒ Yes
☐ No

*104. **Permit item 20.18:** Do individuals receive training commensurate with their responsibilities as they relate to your Post-Construction Stormwater Management program? Individuals include, but is not limited to, individuals responsible for conducting site plan reviews and/or enforcement.

☒ Yes
☐ No (Skip to Q106)

105. **If yes in Q104,** do previously trained individuals attend a refresher training every three (3) calendar years following the initial training? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes
☐ No

*106. **Permit item 20.19:** Do you maintain written ERPs to compel compliance with your regulatory mechanism(s) required in Section 20? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☒ Yes
☐ No (Skip to Q108)

107. **If yes in Q106, what enforcement tools are included in your ERPs?** (Check all that apply)

107.A. ☒ Verbal warning
107.B. ☐ Notice of violation
107.C. ☐ Administrative order
107.D. ☐ Fine
107.E. ☐ Criminal action
107.F. ☐ Civil penalty
107.G. ☐ Other (describe below):
107.H.

*108. **Please specify name or position title of responsible person(s) for conducting enforcement:**
Erin Lynne, Environmental Health and Safety Officer

*109. **Permit item 20.20:** Do you document each site plan review you conduct?

☒ Yes
☐ No (Skip to Q111)

110. **If yes in Q109, what do you document in your site plan review process?** (Check all that apply)

110.A. ☒ Supporting documentation used to determine compliance, including any calculations for the permanent stormwater treatment system.
110.B. ☒ The water quality volume that will be treated through volume reduction practices compared to the total water quality volume required to be treated. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
110.C. ☒ Documentation associated with off-site treatment projects you authorize, including rationale to support the location of permanent stormwater treatment projects in accordance with items 20.10 and 20.11. ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
110.D. ☒ Payments received and used in accordance with permit item 20.14.
110.E. ☒ All legal mechanisms drafted in accordance with permit item 20.15, including date(s) of the agreement(s) and name(s) of all responsible parties involved.

*111. **Permit item 20.21:** Do you document training related to your Post-Construction Stormwater Management program?

☒ Yes
☐ No (Skip to Q113)

112. **If yes in Q111, what are you documenting?** (Check all that apply)

112.A. ☒ General subject matter covered
112.B. ☒ Names and departments of individuals in attendance ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
112.C. ☒ The date of each event

*113. **Permit item 20.22:** Do you document enforcement conducted pursuant to your ERPs in item 20.19, including verbal warnings?

☒ Yes
☐ No (Skip to Q115)

114. If yes in Q113, what do you document relating to ERPs for MCM 5? (Check all that apply)

114.A. ☒ The name of the person responsible for violating the terms and conditions of your regulatory mechanism(s)
114.B. ☒ The date(s) and location(s) of the observed violation(s)
114.C. ☒ A description of the violation(s)
114.D. ☒ Corrective action(s) issued
114.E. ☒ Referrals to other regulatory organizations
114.F. ☒ The date(s) violation(s) are resolved

*115. **Permit item 12.4:** Who is responsible for implementation of this MCM? List name(s) or position title(s):
Erin Lynne, Environmental Health and Safety Officer

116. **Provide any additional information about your current post-construction stormwater management program that you would like to share (optional): (Maximum 10 lines of text)**

MCM 6: Pollution prevention/Good housekeeping for municipal operations

*117. **Permit item 21.3:** Do you maintain a written or mapped inventory of your owned/operated facilities that contribute pollutants to stormwater discharges?

☒ Yes
☐ No (skip to Q119)

118. **If yes in Q117, which of the following facilities do you own and/or operate?** (Check all that apply)

118.A. ☐ Composting
118.B. ☒ Equipment storage and maintenance
118.C. ☒ Hazardous waste disposal
118.D. ☒ Hazardous waste handling and transfer
118.E. ☐ Landfill(s)
118.F. ☒ Solid waste handling and transfer
118.G. ☐ Park(s)
118.H. ☒ Pesticide storage
118.I. ☒ Public parking lot(s)
118.J. ☐ Public golf course(s)
118.K. ☐ Public swimming pool(s)
118.L. ☐ Public works yard(s)
118.M. ☒ Recycling
118.N. ☒ Salt storage
118.O. ☐ Snow storage
118.P. ☒ Vehicle storage and maintenance (e.g., fueling and washing) yard(s)
118.Q. ☒ Materials storage yard(s)
118.R. ☐ Other (describe below):
118.S.

*119. **Permit item 21.4:** Do you implement BMPs to prevent or reduce pollutants in stormwater discharges from municipal operations?

☒ Yes
☐ No (Skip to Q121)

120. **If yes in Q119, provide additional information on the BMPs you implement to address stormwater discharges from municipal operations (e.g., waste disposal, management of stockpiles, road maintenance):**
All staff responsible for these tasks are traned in proper procedures. Any contractors performing the work are advised of the college's regulations regarding stormwater pollution prevention.

*121. **Permit item 21.5:** Do you implement BMPs at your owned/operated salt storage areas? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
☒ Yes
☐ No (Skip to Q123)

122. **If yes in Q121, what BMPs do you have in place at salt storage areas?** (Check all that apply)
122.A. ☒ Salt is covered or stored indoors
122.B. ☐ Salt stored on an impervious surface
122.C. ☐ Implementation of practices to reduce exposure when transferring material from salt storage areas
122.D. ☐ Other (describe below):
122.E.

*123. **Permit item 21.6:** Do you implement a written snow and ice management policy for individuals that perform winter maintenance activities for you? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
☐ Yes
☒ No (Skip to Q125)

124. **If yes in Q123, what practices and procedures for snow and ice control operations are included?** (Check all that apply)
124.A. ☐ Plowing or other snow removal practices
124.B. ☐ Sand use
124.C. ☐ Application of deicing compounds
124.D. ☐ Other (describe below):
124.E.

*125. **Permit item 21.7:** Each calendar year, do all individuals that perform winter maintenance activities for you receive training? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
☒ Yes
☐ No (Skip to Q127)

126. **If yes in Q125, what does the winter maintenance training include?** (Check all that apply)
126.A. ☐ The importance of protecting water quality
126.B. ☐ BMPs to minimize the use of deicers
126.C. ☐ Tools and resources to assist in winter maintenance (e.g., deicing application rate guidelines, calibration charts, Smart Salting Assessment Tool)
126.D. ☒ Other (describe below):
126.E. Winter maintenance was not performed by campus staff, contractor training will be obtained

*127. **Permit item 21.8:** Do you maintain written procedures for determining TSS and total phosphorus (TP) treatment effectiveness of all owned/operated ponds constructed and used for the collection and treatment of stormwater?
☒ Yes
☐ No

*128. **Permit item 21.9:** Do you inspect structural stormwater BMPs (excluding stormwater ponds, which are under a separate schedule) each calendar year to determine structural integrity, proper function, and maintenance needs (excluding structural stormwater BMPs where the inspection frequency has been adjusted)?

☒ Yes
☐ No

*129. **Do you have a different inspection frequency (i.e., more or less than each calendar year) for any of your structural stormwater BMPs?**

☐ Yes
☒ No (Skip to Q131)

130. **If yes in Q129, what led to your adjusted inspection frequency?** (Check all that apply)

130.A. ☐ Complaints received or patterns of maintenance indicated a greater frequency was necessary.
130.B. ☐ Determined maintenance or sediment removal was not required after completion of the first two calendar year inspections.
130.C. ☐ Other (describe below):
130.D.

*131. **Permit item 21.10:** Do you inspect all ponds and outfalls (excluding underground outfalls) each permit term in order to determine structural integrity, proper function, and maintenance needs?

☒ Yes
☐ No (Skip to Q133)

132. **If yes in Q131,** describe the frequency of inspections:
once a year

*133. **Permit item 21.12:** Do you implement a stormwater management training program commensurate with individual's responsibilities as they relate to your SWPPP, including reporting and assessment activities? Training materials can be from the U.S. Environmental Protection Agency (EPA), state and regional agencies, or other organizations as appropriate to meet this requirement.

☒ Yes
☐ No (Skip to Q135)

134. **If yes in Q133, what does your stormwater management training program include?** (Check all that apply)

134.A. ☒ The importance of protecting water quality.
134.B. ☒ Cover the requirements of the permit relevant to the responsibilities of the individual.
134.C. ☒ A schedule that establishes initial training for individuals, including new and/or seasonal employees, and recurring training intervals to address changes in procedures, practices, techniques, or requirements.
134.D. ☐ Other (describe below):
134.E.

134.F. Additional information for checked items (optional):

*135. **Permit item 21.13:** Do you document information associated with the operations and maintenance program?

☒ Yes
☐ No (Skip to Q137)

136. **If yes in Q135, what are you documenting?** (Check all that apply)

136.A. ☒ Date(s) and description of findings, including whether or not an illicit discharge is detected, for all inspections conducted in accordance with items 21.9 and 21.10.
136.B. ☒ Any adjustments to inspection frequency as authorized in item 21.9.
136.C. ☒ Date(s) and a description of maintenance conducted as a result of inspection findings, including whether or not an illicit discharge is detected.

136.D. ☒ Schedule(s) for maintenance of structural stormwater BMPs and outfalls when necessary maintenance cannot be completed within one year of discovery ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

136.E. ☒ Stormwater management training events, including general subject matter covered, names and departments of individuals in attendance, and date of each event.

*137. **Permit item 21.14:** Do you document pond sediment excavation and removal activities?

☒ Yes

☐ No (Skip to Q139)

138. **If yes in Q137, what pond sediment excavation and removal activity information is documented?** (Check all that apply)

138.A. ☒ A unique ID number and geographic coordinate of each stormwater pond from which sediment is removed.

138.B. ☒ The volume (e.g., cubic yards) of sediment removed from each stormwater pond.

138.C. ☒ Results from any testing of sediment from each removal activity.

138.D. ☒ Location(s) of final disposal of sediment from each stormwater pond.

138.E. Additional information for checked items (optional):

*139. **Permit item 12.4:** Who is responsible for implementation of this MCM? List name(s) or position title(s).

Erin Lynne, Environmental Health and Safety Officer

140. **Provide any additional information about your current pollution prevention/good housekeeping for municipal operations program that you would like to share (optional): (Maximum 10 lines of text)**

Discharges to Impaired Waters with an EPA-Approved TMDL that Includes an Applicable Waste Load Allocation (WLA)

To determine if you have an applicable WLA(s), please reference the MPCA's MS4 Permit TMDL Application Form webpage at https://stormwater.pca.state.mn.us/index.php?title=Guidance_for_completing_the_MS4_Permit_TMDL_Application_Form.

*141. **Permit item 22.3:** Do you have an applicable WLA where a reduction in pollutant loading is required for bacteria?

☒ Yes

☐ No (Skip to Q146)

142. **If yes in Q141, do you maintain a written or mapped inventory of potential areas and sources of bacteria (e.g., dense populations of waterfowl or other bird, dog parks)? *(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☐ Yes

☒ No (Skip to Q145)

143. **If yes in Q142, do you maintain a written plan to prioritize reduction activities to address the areas and sources identified in the inventory? The written plan must include BMPs you will implement over the permit term.** ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☐ Yes

☐ No (Skip to Q145)

144. **If yes in Q143, which of the following are included in your written plan?** (Check all that apply)

144.A. ☐ Water quality monitoring to determine areas of high bacteria loading.

144.B. ☐ Installation of pet waste pick-up bags in parks and open spaces.

144.C. ☐ Elimination of over-spray irrigation at permittee land owned areas.

144.D. ☐ Removal of organic matter via street sweeping.
144.E. ☐ Implementation of infiltration structural stormwater BMPs.
144.F. ☐ Management of areas that attract dense populations of waterfowl (e.g., riparian plantings).
144.G. ☐ Other (describe below):
144.H.

145. **Permit item 12.9:** If yes in Q141, who is or will be responsible for implementation of this required component (i.e., inventory, plan, and BMP implementation)? List name(s) or position title(s):
Erin Lynne, Environmental Health and Safety Officer

*146. **Permit item 22.5:** Do you have an applicable WLA where a reduction in pollutant loading is required for chloride?
☐ Yes
☒ No (Skip to Q151)

147. **If yes in Q146, do you document the amount of deicer applied each winter maintenance season to all your owned/operated surfaces? *(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
☐ Yes
☐ No

148. **If yes in Q146, each calendar year do you conduct an assessment of your winter maintenance operations to reduce the amount of deicing salt applied to your owned/operated surfaces and determine current and future opportunities to improve BMPs? You may use the MPCA's Smart Salting Assessment Tool or other available resources and methods to complete this assessment. The assessment must be documented. *(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***
☐ Yes
☐ No (Skip to Q150)

149. **If yes in Q148, what does your winter maintenance operations assessment include?** (Check all that apply)
149.A. ☐ Operational changes such as pre-wetting, pre-treating the salt stockpile, increasing plowing prior to deicing, monitoring of road surface temperature, etc.
149.B. ☐ Implementation of new or modified equipment providing pre-wetting, or other capability for minimizing salt use.
149.C. ☐ Regular calibration of equipment.
149.D. ☐ Optimizing mechanical removal to reduce use of deicers.
149.E. ☐ Designation of no salt and/or low salt zones.
149.F. ☐ Other (describe below):
149.G.

149.H. Additional information for checked items (optional):

150. **Permit item 12.9: If yes in Q146, who is or will be responsible for implementation of this required component (i.e., documenting deicer applied and winter maintenance operations assessment)? List name(s) or position title(s):**

*151. **Permit item 22.7:** Do you have an applicable WLA where a reduction in pollutant loading is required for temperature?
☐ Yes
☒ No (Skip to Q155)

152. If yes in Q151, do you maintain a written plan that identifies specific activities you will implement to reduce thermal loading during the permit term? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☐ Yes

☐ No (Skip to Q154)

153. **If yes in Q152, what activities does the plan include?** (Check all that apply)

153.A. ☐ Implementation of infiltration BMPs such as bioinfiltration practices

153.B. ☐ Disconnection and/or reduction of impervious surfaces

153.C. ☐ Retrofitting existing structural stormwater BMPs

153.D. ☐ Improvement of riparian vegetation

153.E. ☐ Other (describe below):

153.F.

153.G. Provide any additional information about your written plan (optional):

154. **Permit item 12.9: If yes in Q151, who is or will be responsible for implementation of this required component? List name(s) or position title(s):**

*155. **Permit item 12.8:** Do you have an applicable WLA(s) for oxygen demand, nitrate, TSS, or TP?

☐ Yes - If yes, you **must complete** the corresponding tabs in the *MS4 Permit TMDL Application* (available on the MPCA's website at https://stormwater.pca.state.mn.us/index.php?title=Guidance_for_completing_the_MS4_Permit_TMDL_Application_Form) and submit it with this application.

☒ No

Alum or Ferric Chloride Phosphorus Treatment Systems

*156. **Permit Section 23:** Do you own and/or operate an Alum or Ferric Chloride Phosphorus Treatment System within your MS4?

☐ Yes - If yes, complete questions 157-173 as directed.

☒ No (Skip to Q174)

157. Provide the geographic coordinates of the alum or ferric chloride phosphorus treatment system, in decimal degrees. (Approximate centroid of treatment system within five-foot accuracy):

157.A. Latitude: _____

157.B. Longitude: _____

158. **Who is responsible for the operation of the treatment system? List name(s) or position title(s):**

159.A. **Provide the date the system first became operational (mm/dd/yyyy):** _____

For question 159.B-G, provide information for calendar year 2020.

159.B. **For each month, provide the number of days the system was operational:**

159.B.1. January: _____
159.B.2. February: _____
159.B.3. March: _____
159.B.4. April: _____
159.B.5. May: _____
159.B.6. June: _____
159.B.7. July: _____
159.B.8. August: _____
159.B.9. September: _____
159.B.10. October: _____
159.B.11. November: _____
159.B.12. December: _____

159.C. **What chemical(s) was used for treatment:**

159.C.1. ☐ Alum
159.C.2. ☐ Ferric Chloride

159.D. **Provide the number of gallons of water treated:** _____

159.E. **Provide the number of gallons of alum or ferric chloride treatment used:** _____

159.F. **Provide the calculated pounds of phosphorous removed:** _____

159.G. **Describe any performance issue(s) and the corrective action(s), including the date(s) when corrective action(s) were taken:**

160. **Permit item 23.3: Which of the following requirements are you meeting?** (Check all that apply)

160.A. ☐ Your treatment system is for the treatment of phosphorus in stormwater. Non-stormwater discharges must not be treated by this system.
160.B. ☐ Your treatment system is contained within the conveyances and structural stormwater BMPs of the MS4. The utilized conveyances and structural stormwater BMPs do not include any receiving waters.
160.C. ☐ Phosphorus treatment systems utilizing chemicals other than alum or ferric chloride receive written approval from the MPCA.
160.D. ☐ In-lake phosphorus treatment activities are not authorized.

161. **Permit item 23.3: Which of the following design parameters does your treatment system include?** (Check all that apply)

161.A. ☐ The treatment system is constructed in a manner that diverts the stormwater flow to be treated from the main conveyance system.
161.B. ☐ A high flow bypass is part of the inlet design.
161.C. ☐ A flocculent storage/settling area is incorporated into the design, and adequate maintenance access is provided (minimum of eight feet wide) for the removal of accumulated sediment.

162. **Permit item 23.5:** Do you have a designated person perform visual monitoring of the treatment system for proper performance at least once every seven (7) days, and within 24 hours after a rainfall event greater than 2.5 inches in 24 hours?

☐ Yes
☐ No (Skip to Q164)

163. **If yes in Q162, please list the name(s) of the individual(s) or position title(s):**

164. **Permit item 23.5:** Following visual monitoring which occurs within 24 hours after a rainfall event, do you conduct the next visual monitoring of your system seven (7) days after that rainfall event?

☐ Yes
☐ No

165. **Permit item 23.6:** Does your treatment system utilize three (3) benchmark monitoring stations? Table 1 in Appendix A in the permit must be used for the parameters, units of measure, and frequency of measurement for each station.

☐ Yes
☐ No

166. **Permit item 23.7:** Do you collect grab samples or flow-weighted 24-hour composite samples at your treatment system?

☐ Yes
☐ No

167. **Permit item 23.8:** Are your treatment system samples, excluding potential of hydrogen (pH) samples, analyzed by a laboratory certified by the Minnesota Department of Health and/or the MPCA?

☐ Yes
☐ No

168. **Which of the following do your sample tests include?** (Check all that apply)

168.A. ☐ Sample preservation and test procedures for the analysis of pollutants that conform to 40 CFR Part 136 and Minn. R. 7041.3200.

168.B. ☐ Detection limits for dissolved phosphorus, dissolved aluminum, and dissolved iron that are a minimum of 6 micrograms per liter (µg/L), 10 µg/L, and 20 µg/L, respectively.

168.C ☐ pH that is measured within 15 minutes of sample collection using calibrated and maintained equipment.

169. **Permit item 23.9:** In the following situation(s) do you perform corrective action(s) and immediately notify the Minnesota Department of Public Safety Duty Officer? (Check all that apply)

169.A. ☐ The pH of the discharged water is not within the range of 6.0 and 9.0.

169.B. ☐ Indications of toxicity or measurements exceeding water quality standards which could endanger human health, public drinking water supplies, or the environment.

169.C. ☐ A spill or discharge or alteration resulting in water pollution, as defined in Minn. Stat. § 115.01, subd. 13, of alum or ferric chloride.

170. **Permit item 23.13:** Do you conduct site-specific jar testing using typical and representative water samples in accordance with the most current approved version of ASTM D2035? ***(Note: All or some of this item is a new permit requirement. Compliance with new requirements is required within 12 months after receiving permit coverage.)***

☐ Yes
☐ No

171. **Permit item 23.14:** Do you have baseline concentrations of the following parameters in the influent and receiving waters at your treatment system location? (Check all that apply)

171.A. ☐ Aluminum or iron

171.B. ☐ Phosphorus

172. **Permit item 23.15:** Do you have the following system parameters and how each was determined at your treatment system location? (Check all that apply)

172.A. ☐ Flocculant settling velocity

172.B. ☐ Minimum required retention time

172.C. ☐ Rate of diversion of stormwater into the system

172.D. ☐ The flow rate from the discharge of the outlet structure

172.E. ☐ Range of expected dosing rates

173. **Permit item 23.16:** Have you developed the following site-specific procedures? (Check all that apply)

173.A. ☐ Procedures for the installation, operation and maintenance of all pumps, generators, control systems, and other equipment.

173.B. ☐ Specific parameters for determining when the solids must be removed from the system and how the solids will be handled and disposed of.

173.C. ☐ Procedures for cleaning up and/or containing a spill of each chemical stored on site.

Complete last page and submit using Adobe Acrobat Reader.

(If you do not have Acrobat Reader, you can download a free version at https://get.adobe.com/reader/.)

Additional information

174. **Provide any additional information about your current Stormwater Pollution Prevention Program (SWPPP) that you would like to share (optional): (Maximum 30 lines of text)**

Complete last page and submit using Adobe Acrobat Reader.

(If you do not have Acrobat Reader, you can download a free version at https://get.adobe.com/reader/.)

Submit Reset

BMP Inventory

Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

MS4 Pond, Wetland, and Lake Inventory Form

Municipal Separate Storm Sewer System (MS4) Program

Doc Type: Plans/Specifications/Maps

Name of MS4 Permittee	Date form completed	Unique ID Number	Type of Feature (Pond, Wetland or Lake)	Feature Common Name (If Applicable)	Y Coordinate (Latitude) Decimal Degrees	X Coordinate (Longitude) Decimal Degrees
North Hennepin Community College	3/16/2015	NHCC-OUT-1	18" Outlet		45.1078	-93.3766
North Hennepin Community College	3/16/2015	NHCC-OUT-2	15" Outlet		45.1072	-93.3766
North Hennepin Community College	3/16/2015	NHCC-OUT-3	No Outlet		45.1036	-93.3742
North Hennepin Community College	3/16/2015	NHCC-BMP-1	Underground Infiltration System		45.1087	-93.3732
North Hennepin Community College	3/16/2015	NHCC-BMP-2	Pond		45.104	-93.3742
North Hennepin Community College	3/16/2015	NHCC-BMP-3	Wetland		45.103	-93.3733

Instructions for MS4 Pond, Wetland and Lake Inventory Form (*Submit this form within 12 months of the date permit coverage is extended; Appendix A, Table 2*)

Submit this form electronically via e-mail to the Minnesota Pollution Control Agency (MPCA) MS4 Permit Program at ms4permitprogram.pca@state.mn.us.

This inventory is required by Chapter 172, Sec. 28 of the 2009 Session Laws and is required to be incorporated into the 2013 revision of the National Pollutant Discharge Elimination System (NPDES)/State Disposal System (SDS) Small Municipal Separate Storm Sewer Systems (MS4) General Permit with an effective date of August 1, 2013. The purpose of this inventory is to identify all stormwater ponds, wetlands and lakes within the permittee's jurisdiction. The permittee shall complete an inventory of all ponds that are constructed and operated for purposes of water quality treatment, stormwater detention, and flood control, and that are used for the collection of stormwater via constructed conveyances. Stormwater ponds do not include areas of temporary ponding, such as ponds that exist only during a construction project or short-term accumulations of water in road ditches. The permittee shall complete an inventory of all wetlands and lakes within the permittee's jurisdiction, that collect stormwater via constructed conveyances. Ponds, wetlands and lakes may have received polycyclic aromatic hydrocarbons (PAHs) and other types of contamination as a result of discharges from the stormwater conveyance system. Information previously gathered for MS4 permit compliance purposes such as mapping the stormwater management system, stormwater management planning, inspections and maintenance activity should be used to help complete the inventory.

Refer to Part III.C.2 in the 2013 Reissuance of the NPDES/SDS Small MS4 General Permit for requirements of the Pond, Wetland and Lake inventory:

- A unique identification (ID) number shall be assigned by the permittee to each pond, wetland and lake within the permittee's jurisdiction that receives stormwater discharges from a stormwater conveyance system.
- A geographic coordinate in decimal degrees of each feature (approximate center of the pond, wetland or lake).
- Identify the type of feature (e.g., pond, wetland or lake). This may be determined using best professional judgement.

The table below provides the inventory requirements and guidance on the options for data elements required by this inventory.

Schedule for meeting the Inventory Requirements

The completed MS4 Pond, Wetland and Lake inventory will be due within 12 months of the date permit coverage is extended. Refer to Appendix A, Table 2 of the 2013 NPDES/SDS Small MS4 General Permit. Submit this form electronically via e-mail to the Minnesota Pollution Control Agency (MPCA) MS4 Permit Program at ms4permitprogram.pca@state.mn.us. If you have already submitted your MS4 Pond Inventory Form to the MPCA, then you do not need to resubmit this form.

For information on the inventory requirements, contact Scott Fox (scott.fox@state.mn.us).

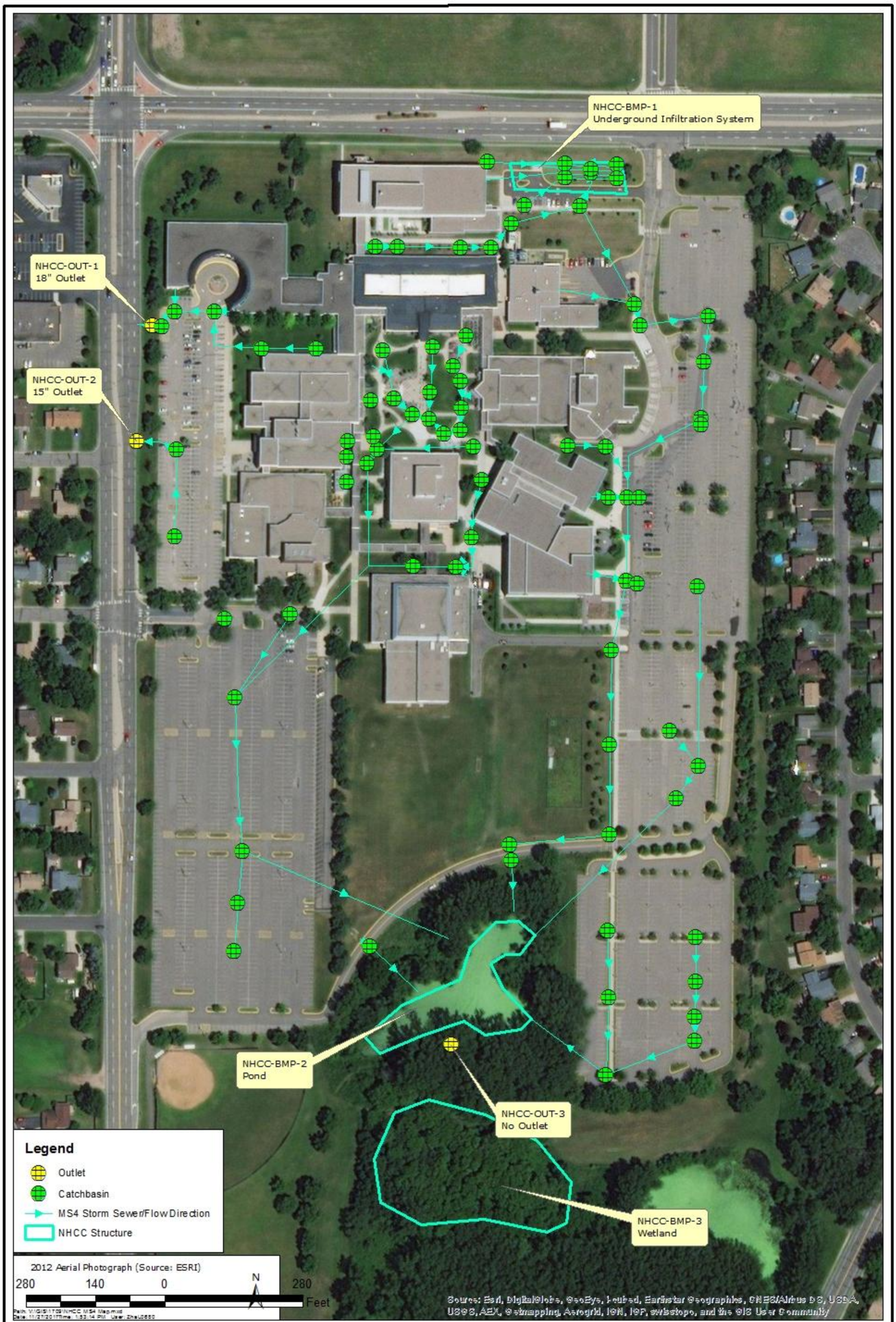
Field Title	Field Guidance	Entry Options	Entry Option Guidance

General Guidance: Use only the data entry options provided in this guidance; if the available options are not appropriate or if no information is available for a water body, leave the data field blank (do not enter NA or some other code). Include all stormwater ponds, wetlands and lakes within the jurisdiction of your MS4 that receive stormwater discharges via one or more components of your MS4 conveyance system. Such conveyance components include, but are not limited to pipes, ditches (owned and operated as part of your MS4), swales, gutters, streets, curbs, curb cuts, and man-made channels. This is an inventory of all ponds within the MS4, including private ponds that receive stormwater from an MS4 conveyance and those private ponds that discharge to the MS4. To avoid duplication, each MS4 permittee is responsible for the ponds and discharges to water bodies within their own jurisdictional boundary (e.g., MS4 college within an MS4 city).

This inventory does **not** include:

- water bodies that receive only direct stormwater drainage through overland flow and/or conveyance components that are not part of your MS4 system.
- structural pollution control devices such as sump manholes, grit chambers, separators, infiltration trenches and other small settling or filtering devices.

Unique ID Number	Create a unique identification (ID) number for each of your ponds, wetlands and lakes: 1) The Permittee must create a unique ID number for stormwater ponds- a permittee may use their own ID numbering system to identify stormwater ponds; if you do not have a numbering system, you must create one; 2) There are 2 options for the identification of wetlands and lakes: a) use a State level ID number system for the wetland or lake, when it exists; examples include public water numbers, DNR lake numbers, wetland survey numbers; or b) use the Outfall ID number and common name for the water body. The state is developing a universal numbering system for all types of waters (WIDs) but this system will not be available in time for the inventory. The DNR web site has many of the existing water body ID data sets and maps.		
Type of Feature (Pond, Wetland or Lake)	Select the option that is appropriate for each water body type; specify the public water and insert the common name when applicable.	Pond	Purpose for stormwater treatment
		Wetland	Purpose for collection of stormwater via constructed conveyances
		Lake	Purpose for collection of stormwater via constructed conveyances
		Identify common name of ponds, wetlands and lakes (if applicable)	Enter common name of pond, wetland and lake, if applicable.
Geographic Coordinate of Pond, Wetland or Lake (approximate center of location)	Indentify location of ponds, wetlands and lakes receiving stormwater discharges; enter a geographic coordinate in the approximate center of the pond, wetland or lake.	Latitude/Longitude Data in Decimal Degrees (X, Y Coordinate)	Geographic coordinate is defined as the point location of a stormwater feature expressed by X, Y coordinates of a standard Cartesian coordinate system (i.e., latitude/longitude) that can be readily converted to Universal Transverse Mercator (UTM), Zone 15N in the NAD83 datum. For polygon features, the geographic coordinate will typically define the approximate center of a stormwater feature. For wetlands, ponds, & lakes provide (X, Y) coordinates in the approximate center of the feature. Township and Range numbers are not coordinates. Example coordinate of Pond, Wetland, or Lake: Y Coordinate (Latitude) 44.956899, X Coordinate (Longitude) -93.083887.



NORTH HENNEPIN COMMUNITY COLLEGE	WENCK ASSOCIATES Responsive partner. Exceptional outcomes.	NOV 2017
Draft MS4 Storm Sewer Map		Figure 1

Maintenance Plan for Structural BMPs

North Hennepin Community College
Brooklyn Park, Minnesota

Maintenance Plan for Structural BMPs

Structural stormwater best management practices (BMPs) include the use of grit chambers, catch basins, separators, and other constructed devices to manage stormwater. Several more examples are listed below.

- Catch basin
- Grit chamber
- Swirl separator
- Oil and grease separator
- Filter
- Infiltration trench
- Flammable trap
- Sump
- Floatable skimmer
- Trap

Inspection Frequency

The MPCA's 2013 MS4 stormwater permit requires that all structural stormwater BMPs be inspected annually. The inspections should be documented. The inspection can and should be adjusted if either of the following is true. (See Part III.D.6.e of the permit – page 20.)

1. "Complaints received or patterns of maintenance indicate that a greater frequency is necessary; or
2. Maintenance of sediment removal is not required after completion of the first two annual inspections; in which case the permittee may reduce the frequency of inspections to once every two years."

Maintenance Plan

All stormwater BMPs are inspected monthly during non-frozen conditions, normally from April through October. Inspection reports are in Section 13, MCM 6 Documentation.

Maintenance needs discovered during inspections are brought to the attention of the Environmental Health and Safety Officer (EHSO) by submitting the inspection report, calling, visiting, or emailing. In turn, the EHSO notifies staff in the Facilities Services department of immediate or long-term maintenance needs. The maintenance records will be kept by the Environmental Health and Safety Officer.

North Hennepin Community College
Brooklyn Park, Minnesota

Follow-up Maintenance Documentation

North Hennepin Community College
Brooklyn Park, Minnesota

Maintenance Logs

Employee Training Logs
Training Materials

Stormwater Training

Stantec

- Lu Zhang: 763-252-6938, lu.zhang@stantec.com

Excal Visual/Washington Conservation District

- The DVD "Storm Watch – Municipal Storm Water Pollution Prevention" covers both general stormwater pollution prevention and illicit discharge training. It's available from Excal Visual (www.excalvisual.com). The DVD also can be borrowed from Washington Conservation District. Contact Angie Hong at 651-756-8552 or angie.hong@mnwcd.org.

You Tube videos

- How to Spot and Report Stormwater Pollution (Illicit Discharge)
  https://www.youtube.com/watch?v=hnXMaImmcKo
- Stormwater Strategies: Housekeeping
  https://www.youtube.com/watch?v=UxOam2GEVgQ

University of Minnesota Stormwater Education Program
http://www.extension.umn.edu/environment/water/stormwater/index.html

- Stormwater U: Stormwater management practice education for contractors, developers, engineers, and field staff.
- Stormwater Practices and Maintenance Core Course
- Winter maintenance for small sites
- Stormwater pond management

Minnesota Erosion Control Association
http://mnerosion.org/workshops/
MECA offers periodic workshops about general MS4 permit requirements. Sign up for the mailing list and request training courses on their website.

North Central Texas Council of Governments
http://www.nctcog.org/envir/seeclean/stormwater/program-areas/pollution_prevention/cd/version_1/p2_training_materials.asp

- Municipal Employee Training Series, set of six videos ($75)
- PowerPoint and PDF modules (materials handling and spill cleanup, parks and grounds maintenance, etc.)

Stormwater One
https://stormwaterone.com/

Offers both online and live courses. Most appear to be related to construction erosion and sediment control. Click on State Training and then on the state of Minnesota.

EPA
Stormwater Discharges from Municipal Sources – Developing an MS4 Program
https://www.epa.gov/npdes/stormwater-discharges-municipal-sources#developing
Fact sheets, technical information, manuals, etc.

Stormwater Management and Illicit Discharge Training

Location: North Hennepin Community College

Date:

Name (print)	Signature

MCM 1 & 2 Documentation

North Hennepin Community College

Public Educational Materials Available or Distributed

Date:

Event:

Educational Materials Distributed	
Name and/or description of material	**Quantity distributed**

North Hennepin Community College

Annual Evaluation of Stormwater Education Program

Date:

Results of annual evaluation (see goals in SWPPP):

Changes to SWPPP or other actions taken in light of evaluation:

Minimum Control Measure 1: Public Education and Outreach

North Hennepin Community College

MS4 Education and Outreach Implementation Plan

Target Audience
Students, faculty, staff

Responsible Person
Tim Morrell, Environmental Health and Safety Officer

Activities and schedules
The college posts information about stormwater pollution prevention on its website. The content is reviewed at least once per year during the annual evaluation of the MS4 education program. The measurable goal is to increase the number of hits to that web page.

The colleges also hold annual campus cleanup events during Earth Week that educate participants about campus stormwater infrastructure and pollution prevention. The goal is to increase the number of participants each year.

Coordination
Coordination with or use of other stormwater education and outreach programs includes selecting appropriate stormwater educational materials offered by the EPA, the MPCA, watershed districts, the Center for Watershed Protection, and other entities as needed.

Annual Evaluation
Annual evaluation of the program occurs in December. The results of the evaluation and any actions taken are documented and saved in the college's MS4 notebook.

MCM 3
Documentation

North Hennepin Community College
Brooklyn Park, Minnesota

Enforcement Response Procedures for
Eliminating Illicit Discharges to the Storm Sewer System

If an illicit discharge is an immediate threat to public health or the environment, call 911.

If necessary, first responders or college staff may call the State Duty Officer.
See the attached page.

Document all notifications or other steps taken using an illicit discharge report form or illicit discharge log, or save emails or other written communications in a dedicated file location (physical or electronic).

1. Verbal notification: If the party responsible for the illicit discharge can be identified, notify that party verbally about the prohibition of illicit discharges. If the discharge is not hazardous, the responsible party may be asked to assist with clean-up.

2. Written notification: If the party responsible for the illicit discharge fails to respond to a verbal notification, a written notification will be given to the party that explains the violation and identifies next steps (3-5) below. A template notice of violation is attached.

3. The party may appeal the verbal or written notices in writing to the Safety Officer. A response to the appeal will be provided in writing to the responsible party within seven business days.

4. If clean-up, abatement or restoration of affected property or surface waters is required, the college reserves the right to charge the cost to the violating party.

5. If the party continues violating the prohibition against illicit discharges, the college reserves the right to take one or more of the following actions.

    a. Report the incident to local law enforcement.
    b. Ban an individual or an individual's property (a car, e.g.) from campus.
    c. Take other steps deemed appropriate and necessary by the Environmental Health and Safety Director or security personnel.

North Hennepin Community College
Brooklyn Park, Minnesota

NOTICE OF VIOLATION OF ILLICIT DISCHARGE PROHIBITION

Date:

To:

From: Name
Title
College
Address
City, State Zip
Email address

In keeping with MPCA stormwater permit requirements, North Hennepin Community College and the City of Brooklyn Park prohibit non-stormwater discharges into the college's storm drainage system. This written notice of violation follows a verbal notification given to you on (date)_____ regarding the discharge(s) described below.

Because the discharge continued after verbal notification, further enforcement is necessary. If you have not completed the action described below by (date)_____, the college may 1) charge you for the cost of cleanup or abatement, 2) deny access to college property by you or your property (your car, e.g.), and/or 3) refer the matter to local law enforcement.

You may appeal this notice of violation by writing or emailing the contact above within 10 business days from the date of this letter (enter due date). You will receive a written response within 10 business days after we have received appeal.

Description of discharge(s):

Action(s) to be taken

North Hennepin Community College
Brooklyn Park, Minnesota

MS4 General Permit No. MNR040000
MCM3 Part III.D.3.c., d., & h.: Illicit Discharge Investigation Procedures

April 2021

Monthly Inspection Reporting Procedures

The College's Illicit Discharge Detection and Elimination procedures include monthly inspections to detect and eliminate illicit discharges. Monthly inspections are conducted during non-frozen conditions with one inspection during frozen conditions.

Formal monthly inspections are performed by the college's consultant. The inspector makes a visual survey of:

- campus outfalls,
- parking lots and paved areas and catch basins,
- any stockpiles on site,
- construction activities, if there are any, and
- vegetative cover.

Once these are documented, the inspector completes the required form. Photos are taken to document general campus conditions and a report is prepared. The reports are submitted to the Environmental Safety and Health Officer for North Hennepin Community College, who coordinates any necessary maintenance or response activities with facilities staff.

Further, facilities staff, including maintenance and security staff who are on site, are required to notify the Safety and Health Officer immediately of illicit discharges where observed.

Potential IDDE Investigation Procedures

Any inspector (either college staff or consultant) who initially identifies the potential illicit discharge will need to document the following:

- Location of outfall inventoried and site description
- Photograph the outfall/ discharge
- Time/Date/Team Names
- Physical Characteristics:
    - Presence of flow
    - Odors
    - Color of any discharges
    - Presence of a sheen
    - Presence of floatables
    - Stains/Algae
    - Vegetative conditions

This documentation is provided to the Safety and Health Officer within 24 hours of identification. An investigator will return to the site that was identified as a potential illicit discharge. The outfall investigated should typically have an antecedent dry period of at least 72 hours so that any discharges found from an outfall may not be mistaken for rainfall runoff and drainage. If the investigation is considered a high priority, this may be waived.

If the investigator deems it necessary, grab samples will be collected using a sterile sampling bucket or sampling pole. Laboratory analysis for suspected pollutants will be run according to the methods allowed under 40 CFR §136.3. All samples should be iced immediately and be prepared for delivery to the contract laboratory for analysis as soon as possible. If the inspector deems necessary, and it is available, a quick turn-around time for reporting shall be requested.

Potential IDDE General Sampling Methods

Investigation personnel should follow the instructions below regarding water quality sample collection:

1. Collect flows directly into sample containers using a bucket or sampling pole.
2. Pour samples into appropriate sample containers.
3. Add sample preservative, if necessary.
4. Label sample containers with a unique identification number for the outfall being inventoried. If multiple containers are used on one site, all bottles will contain the same ID number for that site.
5. Place sample containers on ice.
6. Fill out Chain of Custody form.
7. Submit to laboratory.

Potential IDDE Reporting

Results of potential illicit discharge investigations along with findings and recommendations of the engineer/ consultant will be provided to the Environmental Health and Safety Officer of the college within 48 hours of follow up inspection. The Environmental Health and Safety Officer shall take necessary steps to report illicit discharge to the proper entities required under the permit and applicable state and local requirements and to coordinate with these entities to mitigate for the discharge if its origin is found to be the College. See the Regulatory Mechanism in this section.

Additional IDDE Enforcement Response Procedures

Attached:

- State Duty Officer program
- Template notice of violation
- Template inspection form

North Hennepin Community College
Brooklyn Park, Minnesota

MS4 General Permit No. MNR040000
Minimum Control Measure 3 – Illicit Discharge Detection and Elimination

Regulatory Mechanisms

April 2021

The college abides by MnSCU Policy 5.24, which prohibits illicit discharges into the campus stormwater drainage system.

Illicit discharges are reported to NHCC's Environmental Health and Safety Officer (EHSO), who may begin an investigation, call the State Duty Officer, and/or call Brooklyn Park law enforcement.

Investigations by the EHSO are documented and shall include the following information:

(1) Date(s) and location(s) of IDDE inspections conducted in accordance with Part III.D.3.c and f
(2) Reports of alleged **illicit discharge**s received, including date(s) of the report(s), and any follow-up action(s) taken by the **permittee**
(3) Date(s) of discovery of all **illicit discharge**s
(4) Identification of **outfall**s, or other areas, where **illicit discharges** have been discovered
(5) Sources (including a description and the responsible party) of **illicit discharges** (if known)
(6) Action(s) taken by the **permittee**, including date(s), to address discovered **illicit discharges**

North Hennepin Community College

Illicit Discharge Inspection Report

Incident # _____ **Date** _____

Day _____

Campus NHCC - Brooklyn Park **Time** _____

Name of Inspector _____

Reported by

_____ Public or student(s)

_____ Staff

Contact info:

Name

Phone

Email

Weather	Bright Sun	Sunny	Overcast	Rain	Snow
Temp.	<32	32-50	50-70	70-85	85-100
Wind	Still	Moder	High		
Humidity	Dry	Moder	Humid		

Description (color, odor, sheen, wet vs. dry, thick vs. runny, etc.)

Location, including name or number of nearest outfall, pond, or storm drain inlet.

Source and responsible party, if known

Action(s) taken.

If safe to do so, photograph the discharge.

_____ Photos taken. Saved where? _____

_____ Photos not taken

Follow-up actions taken. Include date(s).

North Hennepin Community College

Illicit Discharge Inspection Report

Incident # _____ **Date** _____

Notes

MCM 4 & 5 Documentation

North Hennepin Community College
Brooklyn Park, Minnesota

MS4 General Permit No. MNR040000
Minimum Control Measure 4 – Construction Site Stormwater Runoff Control

Regulatory Mechanisms, Site Plan Review Procedures, Site Inspection Procedures, and Enforcement Response Procedures

April 2020

I. Regulatory Mechanisms

MnSCU's Facilities and Design Standards (linked below) require that site drainage plans comply with the requirements of the National Pollutant Discharge Elimination System (NPDES) General Stormwater Permit for Construction Activity. (Chapter IV, Division 31 – Earthwork, paragraph 1.1.)

https://www.minnstate.edu/system/finance/facilities/design-construction/standards/Design%20Standards%207th%20Edition%20Final%2010-5-17.pdf

The Shingle Creek Watershed Management Commission and the City of Brooklyn Park also require permits for construction and/or land-disturbing projects. Brooklyn Park City Code requires that developments comply with the MPCA's BMP Handbook (Title XV, Chapter 151, General Provisions, Section 151.026, part (J)(8).

MnSCU Board Policy 5.24, *Safety and Security Compliance,* System Procedure 5.24.2, *Stormwater Regulatory Compliance*, requires MnSCU colleges and universities to require owners and operators of construction activities to comply with the regulatory mechanism(s) regarding construction site stormwater runoff. See Section 11 of this notebook.

II. Construction Site Plan Review Procedures

MnSCU System Guideline 5.24.2.2, *Construction Stormwater System Procedure*, requires campuses to notify owners and operators of construction activities that site plans must be developed and submitted to campus project managers. See Section 11 of this notebook for details about site plan contents.

Construction site plans are reviewed by MnSCU personnel, their consultants, municipal personnel, and/or the watershed district. If plans are reviewed by MnSCU personnel or their consultants, it is expected that

- the review procedure shall include notifying owners and operators of permit requirements (see part I. above),
- the review shall use a checklist or other written means to document compliance with the regulatory mechanism(s), and
- all calculations, notes and comments regarding the site plan review shall be documented in writing.

III. Construction Site Inspections

In keeping with the MS4 permit, Board Policy 5.24.2.2 requires that MnSCU colleges and universities have written procedures for construction site inspections. (See Section 11 of this notebook.) The procedures must explain how priority sites are identified and must indicate the site inspection frequency and the names or titles of personnel responsible for conducting the inspections. The procedures must also include a checklist or other written means to document site inspections.

Priority sites

All campus construction sites are inspected.

Inspection frequency

If the college is a party to the construction contract, the construction site will be inspected by trained personnel at least once every seven (7) days during active construction and within 24 hours after a rainfall of more than 0.5 inch. Inspections may occur more frequently during early stages of construction, after rainfall, or if violations have occurred.

Training

The type of training is the choice of the permit holder (the college), but it must comply with the requirements of Permit Part II.D.6.g (page 20). Here are some options:

- Certification through the University of Minnesota (www.erosion.umn.edu)
- Online training to become a Qualified Compliance Inspector for Stormwater (QCIS) (http://stormwaterone.com/program/minnesota/CI232)
- Minnesota Utility Contractors Association Erosion Control Training (www.muca.org).
- Minnesota Laborers Training Center Stormwater Pollution Prevention training (www.ltcmn.org) .
- Training from another trained individual through job shadowing, presentations, or other means.
- Inspection guides
    - MPCA Stormwater Construction Inspection Guide (http://www.pca.state.mn.us/index.php/view-document.html?gid=7416)
    - Stormwater Construction Inspector's Field Guide (http://www.pca.state.mn.us/index.php/view-document.html?gid=7417)
    - Construction Stormwater Inspection Checklist (others may be used) (www.pca.state.mn.us/index.php/view-document.html?gid=20687*)*

Names or position titles of individuals responsible for inspections

Inspections are completed by trained individuals within the Facilities group at each college, or by qualified consultants.

Checklists

The permit requires that construction site inspections be documented by a checklist or other written means. Here are some options:

- MPCA Construction Stormwater Inspection Checklist (www.pca.state.mn.us/index.php/view-document.html?gid=20687*)*

- EPA sample inspection and corrective action forms (http://water.epa.gov/polwaste/npdes/stormwater/Stormwater-Pollution-Prevention-Plans-for-Construction-Activities.cfm#report)

- Similar forms available from consultants

IV. Enforcement Response Procedures

Results of construction inspections are provided to the Environmental Health and Safety Officer and/or other staff appointed to receive these documents. If construction operations are not consistent with MnSCU contract language pertaining to stormwater management, the college may issue a stop-work order. Permit violations are also subject to the enforcement response procedures adopted by the City of Brooklyn Park.

Brooklyn Park city code is available at http://www.brooklynpark.org/city-government/rules-and-regulations/.

North Hennepin Community College
Brooklyn Park, Minnesota

MS4 General Permit No. MNR040000
Minimum Control Measure 5 – Post-Construction Stormwater Management

Regulatory Mechanisms, Site Plan Review Procedures and Enforcement Response Procedures

April 2021

I. Regulatory Mechanisms

See MnSCU's Guideline 5.24.2.1, *Municipal Separate Storm Sewer System (MS4) System Procedures,* in Section 11 of this notebook.

II. Site Plan Reviews

See the Procedures for MCM 4.

III. Enforcement Response Procedures

Results of inspections are provided to the Environmental Health and Safety Officer and/or other staff appointed to receive these documents. Permit violations are subject to the enforcement response procedures adopted by the City of Brooklyn Park.

Brooklyn Park city code is available at http://www.brooklynpark.org/city-government/rules-and-regulations/.

MCM 6
Documentation:

To be updated within 12 months of receiving new permit coverage

TMDL Spreadsheet and Annual Reports

Bacteria, Chloride and Temperature Wasteload Allocation TMDL projects (permit item 12.9)

Column A, rows 9 and beyond, will list any applicable WLAs for bacteria, chloride or temperature TMDL projects (USEPA approved, more than a zero % reduction). Use the information in this tab to answer questions 141, 146 and 151 in the MS4 Part 2 Permit Application. If there is not a project listed for any certain pollutant, you would check the 'No' box for the corresponding question(s) in the MS4 Part 2 Permit Application.

Permittee name	MnSCU - North Hennepin Community College
Percent Reduction	(Multiple Items)

Applicable WLAs for Bacteria, Temperature, or Chloride
E. coli
Upper Mississippi River Bacteria TMDL
Shingle Creek (County Ditch 13)

10/13/2020

MINNESOTA POLLUTION CONTROL AGENCY
520 Lafayette Road North
St. Paul, MN 55155-4194

TMDL Master List

Municipal Separate Storm Sewer Systems (MS4) Program

Total Maximum Daily Load (TMDL), Wasteload Allocations (WLAs)

This table is for reference only and shows ALL waste load allocations assigned to an MS4 and all flow zones, whether they need to be reported on in this application or not. See 'Applicable WLAs determination' tab for oxygen demand, nitrogen, TSS and TP WLAs that need compliance schedules or documentation to demonstrate that the WLAs are being met.

Permittee name	MS4 Permit	TMDL project name	Waterbody ID	Waterbody name	WLA type	Numeric W	Units	Flow Condition	Percent Reduction	Pollutant	Annual/Dai	MPCA Recommended Baseline year	TMDL Approval Date
MnSCU - North Hennepin Community College	MS400205	Shingle Creek and Bass Creek Biota and DO TMDLs	07010206-527	Bass Creek	Categorical	35.800	kg/day	Not Applicable	0%	Nitrogenous Biological Oxygen	Daily	2008	11/4/2011
MnSCU - North Hennepin Community College	MS400205	South Metro Mississippi TSS TMDL	07040001-531	Mississippi River	Categorical	154.000	lbs/acre/year	Not Applicable	0%	TSS	Annual	Not Applicable	4/26/2016
MnSCU - North Hennepin Community College	MS400205	Upper Mississippi River Bacteria TMDL	07010206-506	Shingle Creek (County Ditch 1	Categorical	202.000	billions of organisms/day	Very High	61%	E. coli	Daily	2010	Original TMDL approved 11/20/2014, modification approved 6/5/2019
MnSCU - North Hennepin Community College	MS400205	Upper Mississippi River Bacteria TMDL	07010206-506	Shingle Creek (County Ditch 1	Categorical	68.400	billions of organisms/day	High	43%	E. coli	Daily	2010	Original TMDL approved 11/20/2014, modification approved 6/5/2019
MnSCU - North Hennepin Community College	MS400205	Upper Mississippi River Bacteria TMDL	07010206-506	Shingle Creek (County Ditch 1	Categorical	22.900	billions of organisms/day	Mid	69%	E. coli	Daily	2010	Original TMDL approved 11/20/2014, modification approved 6/5/2019
MnSCU - North Hennepin Community College	MS400205	Upper Mississippi River Bacteria TMDL	07010206-506	Shingle Creek (County Ditch 1	Categorical	8.190	billions of organisms/day	Low	13%	E. coli	Daily	2010	Original TMDL approved 11/20/2014, modification approved 6/5/2019
MnSCU - North Hennepin Community College	MS400205	Upper Mississippi River Bacteria TMDL	07010206-506	Shingle Creek (County Ditch 1	Categorical	1.330	billions of organisms/day	Very Low	68%	E. coli	Daily	2010	Original TMDL approved 11/20/2014, modification approved 6/5/2019

MS4 Annual Reports

Chemical Hygiene Plan

To be updated within 12 months of receiving new permit coverage

Emergency & Spill Response Plan

To be updated within 12 months of receiving new permit coverage

Tier II Emergency and Hazardous Chemical Inventory

To be updated within 12 months of receiving new permit coverage

VSQG Plan and License

To be updated within 12 months of receiving new permit coverage

Maintenance Contracts (fuel and diesel oil, plowing, sweeping)

To be updated within 12 months of receiving new permit coverage