

National Pollutant Discharge Elimination System/State Disposal System
MNG585000

Permittee: Multiple
Facility name: Wastewater Pond General Permit
Issuance date: December 1, 2023
Expiration date: November 30, 2028

The state of Minnesota, on behalf of its citizens through the Minnesota Pollution Control Agency (MPCA), authorizes the Permittee to operate a disposal system at the facility named above in accordance with the requirements of this permit.

The goal of this 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.

This permit is effective on the issuance date identified above. This permit expires at midnight on the expiration date identified above.

Signature: *Suzanne L. Baumann*

This document has been electronically signed.

Suzanne L. Baumann
Manager
Municipal Wastewater Section
Municipal Division

for the Minnesota Pollution Control Agency

Submit eDMRs

Submit via the MPCA e-Services at
https://rsp.pca.state.mn.us/TEMPO_RSP/Orchestrate.do?initiate=true

Submit WQ reports electronically to:

wq.submittals.mpca@state.mn.us
Include *Water quality submittals form*:
<https://www.pca.state.mn.us/sites/default/files/wq-wwprm7-71.docx>

Questions on this permit?

For eDMR and other permit reporting issues, use the directory listed at the bottom of the DMR page:
<https://www.pca.state.mn.us/business-with-us/discharge-monitoring-reports>

For specific permit requirements, contact your compliance staff:
<https://www.pca.state.mn.us/business-with-us/wastewater-compliance-and-enforcement-staff>

Wastewater Permit Program general questions, contact:
MPCA, 651-282-6143 or 800-657-3938.

Table of Contents

	Page
1. Summary of stations and station locations	3
2. Permit requirements	4
3. Submittal action summary	27
4. Limits and monitoring	28

1. Summary of stations and station locations

Station	Type of station	Local name
GW 00X	Tile Line Monitoring	Tile Line Monitoring
SD 00X	Effluent To Surface Water	Effluent to Surface Water-Salty
WS 00X	Influent Waste	Influent

Permit requirements

GW 00X	Tile Line Monitoring	
		Groundwater: MNG585 Tile Line Requirements
	5.1.1	The Permittee shall submit a monthly DMR : Due by 21 days after the end of each calendar month following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
	5.1.2	Sampling Location. [Minn. R. 7001.0150, Subp. 2(B)]
	5.1.3	Permittees shall collect samples for the Tile Line Discharge Station from the final tile outlet prior to entering any surface water. [Minn. R. 7001.0150, Subp. 2(B)]
SD 00X	Effluent To Surface Water	
		Surface Discharge: MNG585 Effluent-Salty Requirements
	5.2.1	The Permittee shall submit a monthly DMR : Due by 21 days after the end of each calendar month following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
	5.2.2	Sampling Location. [Minn. R. 7001.0150, Subp. 2(B)]
	5.2.3	Permittees shall collect samples for the Effluent to Surface Water station at a point representative of total facility discharge. [Minn. R. 7001.0150, Subp. 2(B)]
WS 00X	Influent Waste	
		Waste Stream: MNG585 Influent Requirements
	5.3.1	The Permittee shall submit a monthly DMR : Due by 21 days after the end of each calendar month following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
	5.3.2	Sampling Location. [Minn. R. 7001.0150, Subp. 2(B)]
	5.3.3	Permittees shall collect samples for the Influent Waste Stream Station at a point representative of the total facility influent. [Minn. R. 7001.0150, Subp. 2(B)]
MNG585000	Wastewater Pond General Permit	
		Wastewater Pond General Permit Requirements
	5.4.1	Authorization. [Minn. R. 7001]
	5.4.2	The MNG585000 Wastewater Pond General Permit (Permit) authorizes Permittees to treat and discharge wastewater in accordance with the provisions of this Permit only after: A. The Permittees seeking authorization to discharge under this Permit submit all necessary application forms to be covered under the general Permit; B. The Permittees meet all the applicability criteria listed below; and C. The Permittees receive a written Notice of Coverage (NOC) indicating that the MPCA granted coverage. [Minn. R. 7001.0210]
	5.4.3	General Permit Applicability Criteria. [Minn. R. 7001]

5.4.4	<p>Facility Criteria. Permittees applying for coverage under this Permit shall meet the following facility criteria:</p> <p>A. The facility is an existing stabilization and/or aerated pond system with a controlled surface water discharge;</p> <p>B. The facility treats domestic-strength wastewater;</p> <p>C. The facility is MPCA-classified as a Class D facility;</p> <p>D. The facility has an average wet weather (AWW) design flow of less than one million gallons per day (mgd);</p> <p>E. The facility has at least 180 days of storage if located south of the 46 degrees 25 minutes north latitude (approximately the latitude of Brainerd) or 210 days of storage if located north of this line unless previously approved by the MPCA for something less. If design capacity is less than 180 days and 210 days respectively, Permittees may show that actual flows allow for 180 days and 210 days respectively. The MPCA may also require Permittees submit additional documentation demonstrating what the predicted flow conditions are for the life of the permit;</p> <p>F. The facility does not have land disposal activities (e.g., spray irrigation, rapid infiltration basins) or additional treatment components (e.g., septic tanks);</p> <p>G. The facility is not proposing an expansion or upgrade that would trigger an antidegradation review;</p> <p>H. The facility does not require additions to the narrative requirements of this Permit (e.g., construction schedule, compliance schedule); and</p> <p>I. The facility does not have significant compliance issues as determined by MPCA staff. [Minn. R. 7001.0210]</p>
5.4.5	<p>Discharge Criteria. Permittees seeking coverage under this Permit shall meet the following discharge criteria:</p> <p>A. The discharge is not a new discharge to a surface water;</p> <p>B. The discharge is not a new discharge to an Outstanding Resource Value Water (ORVW);</p> <p>C. The discharge meets effluent limits assigned to the facility in the NOC and the Limits and Monitoring section of this Permit at the time of the NOC issuance; and</p> <p>D. The discharge does not require additional limits and/or monitoring beyond what is listed in the Limits and Monitoring section of this permit. [Minn. R. 7001.0210]</p>
5.4.6	<p>Limitations on Coverage. [Minn. R. 7001]</p>
5.4.7	<p>New discharges to surface water require coverage under an individual permit until completion of construction of the facility. [Minn. R. 7001]</p>
5.4.8	<p>Excessive flows that result in upsets, permit violations, or unauthorized discharges/bypassing from the collection system or facility, or result in regular discharges outside the designated discharge period are not allowed.</p> <p>The MPCA may allow coverage under this Permit for facilities that are experiencing excessive flows provided the NOC contains Inflow and Infiltration Evaluation or Reduction Plan requirements to investigate and address the excessive flows.</p> <p>The MPCA reserves discretion to grant coverage under this Permit if a facility completed one or more Inflow and Infiltration Evaluation or Reduction Plans and the facility is still receiving excessive flows. [Minn. R. 7001.0210]</p>
5.4.9	<p>The MPCA conducts a desktop water balance in accordance with the MPCA's Leaky Pond Guidance for all facilities eligible for coverage under this Permit. If the MPCA concludes there are unaccounted for (missing) gallons of wastewater in excess of the maximum allowed seepage rate, the Permittee shall investigate the unaccounted for gallons through a Leaking Pond Evaluation Plan.</p> <p>The MPCA reserves discretion to grant coverage under this Permit if a facility completed a Leaking Pond Evaluation Plan and the facility is still leaking in excess of acceptable design criteria. [Minn. R. 7001.0210]</p>

5.4.10	<p>The facility was not subject to an Administrative Order issued on February 25, 1993 requiring facilities considered susceptible to structural failure due to karst topography to prepare and maintain a contingency plan. Wastewater treatment facilities in southeastern Minnesota are at risk of failure because of sinkholes developing beneath facilities. Karst geology presents a potential risk to surface storage ponds or basins because the limestone and dolomite often contain numerous horizontal and vertical fractures and sometimes crevices and caves. The following criteria were used to determine risk potential:</p> <p>A. First bedrock is either limestone, dolomite, and sometimes sandstone; B. The thickness of subsurface sediments are less than 50 feet thick with an elevated risk if sediments range from 50 to 100 feet thick; and C. The wastewater treatment facility is located in an area that has a history of sinkhole formation. [Minn. R. 7001.0210]</p>
5.4.11	<p>Permittees located within the exterior boundaries of an Indian reservation are ineligible for coverage under this general permit and must apply to the U.S. EPA for a NPDES permit and to the MPCA for an individual SDS permit. [Minn. R. 7001]</p>
5.4.12	<p>Notice of Coverage (NOC). [Minn. R. 7001]</p>
5.4.13	<p>The MPCA will issue NOCs to Permittees who apply for coverage under this Permit and meet all applicability criteria listed in the General Permit Applicability Criteria section of this Permit. The MPCA will place their intent to issue a NOC to Permittees listed in 2023 MNG585000 Public Notice Spreadsheet on public notice prior to issuance of the NOC. [Minn. R. 7001.0210]</p>
5.4.14	<p>The written NOC from the MPCA includes:</p> <p>A. A description and topographic map of the location of the facility covered under this Permit; B. Antidegradation language; C. Streamlined Phosphorus Management Plan requirements, if applicable to the facility; D. Mercury Pollutant Minimization Plan requirements, if applicable to the facility; E. Inflow and Infiltration Evaluation Plan requirements, if applicable to the facility; F. Inflow and Infiltration Reduction Plan requirements, if applicable to the facility; G. Leaking Pond Evaluation Plan requirements, if applicable to the facility; H. Tile line discharge monitoring requirements, if applicable to the facility; and I. Facility specific limits and monitoring requirements. [Minn. R. 7001.0210]</p>
5.4.15	<p>Applying for Coverage - Notice of Intent (NOI). [Minn. R. 7001]</p>
5.4.16	<p>Permittees seeking coverage under this general permit shall submit an application for a Notice of Intent (NOI) in a format determined by the MPCA. The NOI application package shall include the following forms, which are available on the MPCA's website at: https://www.pca.state.mn.us/business-with-us/wastewater-permit-forms:</p> <p>A. Permit application checklist for domestic wastewater (wq-wwprm7-04a); B. Water quality transmittal form (wq-wwprm7-03); C. Surface water discharge application (wq-wwprm7-09); D. Municipal and industrial pond attachment (wq-wwprm7-11); and E. Any other forms as determined applicable by completion of the permit application checklist.</p> <p>Permittees shall also apply for general permit coverage 180 days prior to the expected date of this general permit's expiration. [Minn. R. 7001.0050, Minn. R. 7001.0210, Minn. R. 7001.1040]</p>
5.4.17	<p>Individual Permit. [Minn. R. 7001]</p>
5.4.18	<p>Permittees requiring or desiring permit conditions that are outside of the intent of this general permit will be required to obtain an individual permit. [Minn. R. 7001.0210, subp. 6]</p>

5.4.19	<p>If the MPCA finds that a permit applicant or a Permittee covered under this permit would be more appropriately covered under an individual permit, the MPCA may require an individual permit in accordance with Minn. R. 7001.0210, subp. 6.</p> <p>Any interested person may petition the MPCA Commissioner to take action under 40 CFR pt. 122.28(b)(3)(i) to require a facility covered by the general permit to apply for and obtain an individual permit. [Minn. R. 7001.0210, subp. 6]</p>
5.4.20	Permittee Requested Individual Permit. [Minn. R. 7001]
5.4.21	<p>Any owner or operator authorized by or eligible for coverage under this general permit may request exclusion from general permit coverage by applying for and/or requesting an individual permit. The owner or operator shall submit the request to the MPCA 180 days before reissuance or a desired modification to an existing general permit. The individual permit request shall include the applicable application forms, other MPCA individual application forms, associated fees and any additional supporting information. Upon issuance of the individual permit, a general permit previously applicable to the Permittee no longer applies to that Permittee. [Minn. R. 7001.0040, Minn. R. 7001.0050, Minn. R. 7001.0210, subp. 6]</p>
5.4.22	<p>Upon issuance of an individual permit for any discharge which had previously been authorized by this general permit, coverage under this general permit shall no longer be applicable to the facility. The requirements of an individual permit may be different than the conditions of this general permit providing such authorization will not cause a violation of water quality standards and is not inconsistent with anti-backsliding restrictions. [Minn. R. 7001.0170, Minn. R. 7001.0210, subp. 6, Minn. R. 7053.0275]</p>
5.4.23	Termination of General Permit Coverage. [Minn. R. 7001]
5.4.24	<p>Upon complete reclamation of the discharge or connection to municipal wastewater collection systems, the covered applicant shall submit a request for termination of general permit coverage using the Notification of Permit Termination e-services. Guidance is available on the MPCA's website at: https://www.pca.state.mn.us/business-with-us/wastewater-permit-forms. [Minn. Stat. ch. 116.07]</p>
5.4.25	<p>All discharges shall cease before a termination request form is submitted to the MPCA. Any discharge of pollutants to surface or groundwaters or land on or after the date of submittal shall be considered a violation of the Clean Water Act unless authorized by another NPDES permit. All land disturbances or alterations that are a result of the activities covered under this permit must be stabilized prior to submittal for closure, or the closure of those areas must have coverage under another NPDES permit. [Minn. Stat. ch. 116.07]</p>
5.4.26	Wastewater Pond General Permit Limits and Monitoring Requirements. [Minn. R. 7001, Minn. R. 7053]
5.4.27	<p>The Permit limits and monitoring table outlines all potential limits and monitoring requirements for facilities covered under the Permit. Permittees issued coverage under this Permit shall comply with the limits and monitoring requirements listed in their NOC. [Minn. R. 7001.0150, Minn. R. 7053]</p>
5.4.28	Sampling Collection and Reporting. [Minn. R. 7001]
5.4.29	<p>Permittees shall submit monitoring results in accordance with the limits and monitoring requirements for each applicable station. If conditions are such that no sample can be acquired, Permittees shall report "No Flow" or "No Discharge" on the electronic Discharge Monitoring Report (eDMR) and shall add a Comments attachment to the eDMR detailing why the sample was not collected. [Minn. R. 7001]</p>
5.4.30	<p>Monitoring for parameters with a frequency of once per quarter and an effective period of Mar, Jun, Sep, Dec can be sampled any time during that calendar quarter. Permittees must report the monitoring results on the Sample Values in the month they conducted the sampling and on the eDMR at the end of the quarter (e.g., Permittees shall report the sample for the first calendar quarter of Jan-Mar on the Sample Values in the month the sample is collected and on the March eDMR). [Minn. R. 7001]</p>

5.4.31	<p>Monitoring for parameters with a frequency of once per half year and an effective period of Jan-Dec shall be taken once during the spring discharge event and once during the fall discharge event. Permittees must report the spring and fall discharge results on the eDMR that reflects the month the sample was taken.</p> <p>If the half-year monitoring was not completed during a specific month, Permittees shall leave the boxes blank on the Sample Values and eDMR and include a comment on the eDMR indicating whether half-year monitoring has already been fulfilled or will be completed later during the half year; do not report "0" or "N/A" in the parameter boxes. [Minn. R. 7001]</p>
5.4.32	<p>Monitoring for parameters with a frequency of twice per half year and an effective period of Jan-Dec shall be taken twice during the spring discharge event and twice during the fall discharge event. Permittees must report the spring and fall discharge results on the eDMR that reflects the month the sample was taken.</p> <p>If the half-year monitoring was not completed during a specific month, Permittees shall leave the boxes blank on the Sample Values and eDMR and include a comment on the eDMR indicating whether half-year monitoring has already been fulfilled or will be completed later during the half year; do not report "0" or "N/A" in the parameter boxes.</p> <p>Samples collected for a Calendar Month Average statistical basis shall be collected in the same month. [Minn. R. 7001]</p>
5.4.33	<p>Monitoring for parameters with a frequency of once per year and an effective period of Jan-Dec may be taken any time during the calendar year. Permittees must report the monitoring results on the Sample Values in the month the sample was taken.</p> <p>For the months in which a sample was not taken, Permittees shall leave the boxes blank on the Sample Values and eDMR and include a comment on the eDMR stating that no spring or fall discharge occurred or the monitoring has already been fulfilled; do not report "0" or "N/A" in the parameter boxes. [Minn. R. 7001]</p>
5.4.34	<p>Facility Specific Limits and Monitoring Requirements. [Minn. R. 7053]</p>
5.4.35	<p>Technology-Based Effluent Limits. The MPCA assigns limits and monitoring requirements for technology-based effluent limits based on the specific operation and design of the treatment facility. The MPCA lists facility specific mass limits in the limits and monitoring table of the NOC. [Minn. R. 7053]</p>
5.4.36	<p>Water Quality-Based Effluent Limits. The MPCA assigns limits and monitoring requirements for water quality-based effluent limits (WQBEL) as described in the parameter specific sections below. [Minn. R. 7001]</p>
5.4.37	<p>Phosphorus Requirements. [Minn. R. 7050, Minn. R. 7053]</p>
5.4.38	<p>Limits and Monitoring Requirements. [Minn. R. 7001]</p>
5.4.39	<p>The MPCA will establish limits for all pond facilities covered under this Permit to ensure compliance with all state water quality standards (Minn. R. 7050.0222), any available wasteload allocation (WLA), and/or a state discharge restriction (SDR) for total phosphorous (Minn. R. 7053.0255). A facility requires a WQBEL when the MPCA determines it to be necessary to meet water quality standards of the receiving water [40 CFR Part 122.44(d)]. MPCA guidance defines the determination of reasonable potential and the total phosphorus effluent limit development process (Procedures for Implementing River Eutrophication Standards in NPDES Wastewater Permits in Minnesota, November 2015 or the most recent version). [Minn. R. 7053.0255]</p>
5.4.40	<p>The MPCA lists phosphorus limits and/or monitoring requirements in the limits and monitoring table of the NOC. [Minn. R. 7001]</p>

5.4.41	"Calendar Year to Date Total" is a total of all samples taken during one calendar year. To calculate; Add all sample values measured from the first of the calendar year to the end date of the current reporting period. When used for loading values (kg/yr), first calculate the calendar month total kg/mo loading by multiplying the calendar month total effluent flow x calendar month average concentration x 3.785, then add all loading values from the first of the calendar year to the end date of the current reporting period. Use the flow from the SD Station to calculate this value. If there is no discharge or flow, check the No Discharge box and don't report any values. [Minn. R. 7001]
5.4.42	Streamlined Phosphorus Management Plan. [Minn. R. 7050, Minn. R. 7053]
5.4.43	The MPCA requires facilities that do not have an assigned phosphorus limit(s) complete a Streamlined PMP. If the MPCA requires a Permittee submit a Streamlined Phosphorus Management Plan, the MPCA will list it in the submittal action summary of the NOC. [Minn. R. 7001]
5.4.44	The Permittee shall submit a phosphorus management plan : Due by 180 days after permit issuance. Immediately upon submittal to the MPCA, the Permittee shall implement the Streamlined Phosphorus Management Plan for the remainder of the Permit. [Minn. R. 7001]
5.4.45	The intent of the Streamlined Phosphorus Management Plan is to help maintain previous improvements and conduct ongoing evaluations to determine possible source reduction measures, operational improvements, and minor wastewater treatment facility modifications that will reduce phosphorus loadings to the wastewater treatment facility. [Minn. R. 7001]
5.4.46	The Streamlined Phosphorus Management Plan shall include, but is not limited to, an evaluation of and a plan to implement the following over the permit term: A. Wastewater treatment facility influent reduction measures: i. Reevaluate the phosphorus reduction potential of users; ii. Determine which sources have the opportunity for further reduction of phosphorus (e.g., industrial, commercial, institutional, municipal, and others); iii. Determine whether known sources (e.g., restaurant and food preparation) have adopted or can adopt phosphorus minimization and water conservation plans; iv. Reevaluate whether or not local limits on influent sources of excessive phosphorus are needed. This includes an evaluation of whether any existing local limits are appropriate. B. Wastewater treatment facility effluent reduction measures: i. Continued optimization of existing treatment processes; and ii. An assessment of side stream loading and reductions options. [Minn. R. 7001]
5.4.47	Phosphorus Management Plan guidance can be found on the MPCA's website at: https://www.pca.state.mn.us/business-with-us/phosphorus-management-plans or by contacting the compliance staff using the link provided on the cover page of this permit. [Minn. R. 7001]
5.4.48	Nitrogen Requirements. [Minn. R. 7001]
5.4.49	Limits and Monitoring. [Minn. R. 7001]
5.4.50	Facilities that have AWW design flows equal to or greater than 0.1 mgd shall monitor nitrite plus nitrate, total Kjeldahl nitrogen and total nitrogen once per quarter at the influent station and once per discharge event at the effluent station. Additionally, these facilities shall monitor ammonia and total dissolved solids at the effluent station once during the spring discharge event and once during the fall discharge event. [Minn. R. 7001]
5.4.51	Facilities that have AWW design flows less than 0.1 mgd shall monitor nitrite plus nitrate, total Kjeldahl nitrogen and total nitrogen two times per year at both the influent and effluent stations. Influent sampling shall occur in March and September of each year. Effluent sampling shall occur once during the spring discharge event and once during the fall discharge event. [Minn. R. 7001]
5.4.52	Permittees shall report "Total Nitrogen" as the summation of the total Kjeldahl nitrogen and total nitrite plus nitrate nitrogen values. [Minn. R. 7001]
5.4.53	The MPCA lists nitrogen limit and monitoring requirements in the limits and monitoring table of the NOC. [Minn. R. 7001]
5.4.54	Mercury Requirements. [Minn. R. 7001]

5.4.55	Limits and Monitoring. [Minn. R. 7001]
5.4.56	The MPCA may assign mercury monitoring and/or limits to facilities that have AWW design flows greater than 0.2 mgd. The MPCA will base any assigned mercury monitoring and/or limits on the facility's AWW flow, location, and/or the determination of its reasonable potential to exceed the mercury water quality standard of the receiving water. [Minn. R. 7001, Minn. R. 7052, Minn. R. 7053]
5.4.57	If the MPCA requires monitoring and/or limits for total mercury, dissolved mercury and total suspended solids (TSS) grab (Mercury), the MPCA will list it in the limits and monitoring table of the NOC. [Minn. R. 7001]
5.4.58	Total and dissolved mercury samples shall be grab samples and shall be analyzed using the most recent revisions of EPA Methods 1631 and 1669. Permittees are authorized to use another mercury analytical method that has a reportable level of <0.5 nanograms per liter (ng/L) which allows for low-level sample characterization as long as the method is approved by the EPA and certified by an MPCA accreditation body. [Minn. R. 7001]
5.4.59	Influent samples for mercury monitoring, if required, are to be taken at a time similar to that of effluent monitoring, if possible; two times during the spring discharge event and two times during the fall discharge event. The spring and fall results are to be reported on the eDMR of the month in which each sample was taken. [Minn. R. 7001]
5.4.60	Mercury Pollutant Minimization Plan (Mercury PMP). [Minn. R. 7001]
5.4.61	If the MPCA requires a Permittee submit a Mercury PMP, the MPCA will list it in the submittal action summary of the NOC. [Minn. R. 7001]
5.4.62	If a Permittee has previously submitted a Mercury PMP it must update its Mercury PMP and submit the updated Mercury PMP to the MPCA. The intent of the Mercury PMP is to evaluate collection and treatment systems to determine possible sources of mercury as well as potential mercury reduction options. [Minn. R. 7001]
5.4.63	The specific mercury monitoring requirements are detailed in the limits and monitoring section of the NOC. Permittees can use information gained through the Mercury PMP process to reduce mercury concentrations. As part of its mercury control strategy, Permittees should consider selecting activities based on the potential of those activities to reduce mercury loadings to the facility. [Minn. R. 7001]
5.4.64	The Permittee shall submit a mercury pollutant minimization plan : Due by 180 days after permit issuance. Immediately upon submittal to the MPCA, the Permittee shall implement the Mercury PMP for the remainder of the Permit. [Minn. R. 7001]
5.4.65	The Mercury PMP must include, but is not limited to, an evaluation of the following and a Mercury PMP plan as outlined below: A. A summary of the most recent five years' monitoring data of mercury influent and effluent concentrations and any other data relevant to mercury treatment and removal; B. Identification of existing and potential sources of mercury concentrations and/or loading to the facility. As appropriate for the facility, Permittees should consider residential, institutional, municipal, and commercial sources (such as dental clinics, hospitals, medical clinics, nursing homes, schools, laundries, and industries with potential for mercury contributions). Permittees should also consider other influent mercury sources, such as stormwater inputs, groundwater inflow & infiltration, lift station components, and waste streams or sewer tributaries to the facility; C. An evaluation of past and present facility operations to determine those operating procedures that maximize mercury removal; D. A summary of any mercury reduction activities implemented during the last five years; and E. A plan to implement mercury management and reduction measures during the next five years. [Minn. R. 7001]

5.4.66	<p>Permittees with facilities that discharge to the Lake Superior Basin shall submit an annual update to the Mercury PMP. Permittees shall submit the update to the MPCA Water Quality (WQ) Submittals Center by March 1 of each year following the initial submittal of the MMP. The annual report shall include, but is not limited to:</p> <ul style="list-style-type: none"> A. All minimization program monitoring results for the year; B. A list of potential sources of mercury; C. A summary of all action taken to reduce mercury in the influent and effluent; and D. Any updates to the plan to implement mercury management and reduction measures. [Minn. R. 7001]
5.4.67	Salty Discharge Monitoring. [Minn. R. 7001]
5.4.68	<p>Facilities that receive salty waste streams from concentrating treatment technologies (e.g., reverse osmosis, ion exchange, etc.) or that have food processing industries using density based (saline) sorting processes shall monitor for the following salty discharge parameters: chloride, calcium and magnesium hardness as CaCO₃, specific conductance, total dissolved solids (salts), sulfates as SO₄, bicarbonates (HCO₃), sodium, calcium, magnesium, and potassium at a frequency of once per half year. [Minn. R. 7001, Minn. R. 7053]</p>
5.4.69	<p>On July 13, 2021, MPCA Chapter 7050 rule revisions that changed the class 3 and class 4 water quality standards became effective. After a detailed review, the MPCA determined that no facility currently covered under the MNG585 permit has RP to cause or contribute to any violations of the class 3 or 4 water quality standard. Therefore, no further monitoring is needed for any salty parameter for these facilities based on the rule revisions.</p> <p>A copy of the Class 3 and Class 4 Review memo is available upon request. [Minn. R. 7001]</p>
5.4.70	The MPCA lists salty discharge limit and monitoring requirements in the limits and monitoring table of the NOC. [Minn. R. 7053]
5.4.71	Sulfate Monitoring. [Minn. R. 7050.0224]
5.4.72	<p>In 1973 Minnesota adopted a sulfate water quality standard to protect wild rice. In a February 16, 2022 letter to the Minnesota Pollution Control Agency (MPCA), the US Environmental Protection Agency (EPA) stated their expectations that MPCA issued NPDES/SDS permits are required to comply with the federally-approved sulfate water quality standard and Minnesota Rules.</p> <p>To comply with the total sulfate water quality standard, MPCA is including total sulfate limits (if applicable) and monitoring requirements in permits issued to Permittees where the facility's discharge is located upstream of a water used for the production of wild rice. There are currently approximately 2400 waters within the state of MN have been identified as waters used for the production of wild rice (this includes the 35 waters identified on the 303(d) impaired waters list).</p> <p>Facilities who are granted coverage under the General Permit and who's discharges are upstream of wild rice waters will be required to monitor for total sulfate at a frequency of once per half year, and report data as a calendar month maximum, during discharge. [Minn. R. 7050.0224]</p>
5.4.73	Fecal Coliform Effective Periods. [Minn. R. 7053.0215]
5.4.74	<p>Permittees shall meet the fecal coliform bacteria limits during the effective period as follows:</p> <ul style="list-style-type: none"> A. Discharges to Class 2 waters have a fecal coliform bacteria limit effective period from April 1 through October 31; B. Discharges to Class 7 waters have a fecal coliform bacterial limit effective period from May 1 through October 31; and C. Discharges that are within 25 miles upstream of a drinking water intake have a year-round fecal coliform bacteria limit effective period, regardless of the classification of the receiving water. [Minn. R. 7053.0215]
5.4.75	The MPCA lists fecal coliform bacteria limit and monitoring requirements in the limits and monitoring table of the NOC. [Minn. R. 7053.0215]
5.4.76	Waste Stream Station General Requirements. [Minn. R. 7001]

5.4.77	Samples and measurements required by the Permit shall be representative of the monitored activity. [Minn. R. 7001]
5.4.78	Surface Discharge Station General Requirements. [Minn. R. 7001]
5.4.79	Samples and measurements required by the Permit shall be representative of the monitored activity. [Minn. R. 7001]
5.4.80	Surface Discharge Prohibitions. [Minn. R. 7001]
5.4.81	Permittees shall prohibit floating solids or visible foam discharges in other than trace amounts. [Minn. R. 7001]
5.4.82	Permittees shall prohibit oil or other substance discharges in amounts that create a visible color film. [Minn. R. 7001]
5.4.83	Permittees shall install and maintain outlet protection measures at the discharge stations to prevent erosion. [Minn. R. 7001]
5.4.84	Winter Sampling Conditions. Permittees shall sample flows at designated monitoring stations including when this requires removing ice to sample the water. If Permittees find the station completely frozen throughout on a designated sampling month, they shall check the "No Discharge/No Flow" box on their DMR and note the ice conditions in the Comments section of the DMR. [Minn. R. 7001]
5.4.85	Chlorine Addition Requirements. If Permittees add chlorine for any purpose, they shall monitor the discharge for Total Residual Chlorine (TRC) once per day during chlorine usage. Permittees shall conduct TRC analysis within 15 minutes of sample collection. Permittees shall report the monitoring data as a comment on their next submitted DMR for the affected station. The discharge shall not exceed a 0.038 mg/L TRC concentration. [Minn. R. 7001]
5.4.86	Groundwater Station General Requirements. [Minn. R. 7001]
5.4.87	Samples and measurements required by the Permit shall be representative of the monitored activity. [Minn. R. 7001]
5.4.88	Pond System. [Minn. R. 7001]
5.4.89	Bypass Structures. All structures capable of bypassing the treatment system shall be manually controlled and kept locked at all times. [Minn. R. 7001.0150, subp.3(F)]
5.4.90	Sanitary Sewer Extension Permit. Permittees may be required to obtain a sanitary sewer extension permit from the MPCA for any addition, extension or replacement to the sanitary sewer. If a sewer extension permit is required, construction may not begin until plans and specifications have been submitted and a written permit is granted, except as allowed in Minn. Stat. 115.07, subd. 3(b). [Minn. R. 7001.0150, subp.3(F)]
5.4.91	Operator Certification. [Minn. R. 9400]
5.4.92	Permittees shall provide a Class D state certified operator who maintains direct responsible charge of the operation, maintenance and testing functions required to ensure compliance with the NOC terms and conditions. [Minn. R. 9400.0400, subp. 1(A)]
5.4.93	If Permittees choose to meet operator certification requirements through a contractual agreement, Permittees shall provide a copy of the contract to the MPCA, WQ Submittals Center. The contract shall include: A. The certified operator's name, certificate number, company name (if appropriate), and the period covered by the contract and provisions for renewal; B. The duties and responsibilities of the certified operator; C. The duties and responsibilities of the Permittee; and D. Provisions for notifying the MPCA 30 days in advance of termination if the contract is terminated prior to the expiration date. [Minn. R. 9400.0400, subp. 1(A)]
5.4.94	Permittees shall notify the MPCA within 30 days of a change in operator certification or contract status. [Minn. R. 7001.0150, subp.3(F)]
5.4.95	Acceptable Discharge Periods. [Minn. R. 7001]
5.4.96	For facilities located in the Detroit Lakes, Brainerd and Duluth regions, acceptable stabilization pond discharge periods are March 1 through June 30 (spring discharge) and September 1 through December 31 (fall discharge). [Minn. R. 7001.0150, subp.3(F)]

5.4.97	For facilities located in the Marshall, Rochester, Willmar, Mankato and Metropolitan regions, acceptable stabilization pond discharge periods are March 1 through June 15 (spring discharge) and September 15 through December 31 (fall discharge). [Minn. R. 7001.0150, subp.3(F)]
5.4.98	For facilities located in the Minnesota River Basin which were newly constructed or expanded after December 1, 2005, the acceptable discharge periods are March 1 through May 31 (spring discharge) and October 1 through December 31 (fall discharge). [Minn. R. 7001.0150, subp.3(F)]
5.4.99	If the MPCA requires a more restrictive or custom discharge period to protect water quality, it will be listed in the limits and monitoring table of the NOC. [Minn. R. 7001]
5.4.100	Discharges Outside of Acceptable Discharge Periods. [Minn. R. 7001]
5.4.101	Permittees shall refer to the Stabilization Pond Discharge Guidance located on the MPCA website at: https://www.pca.state.mn.us/business-with-us/wastewater-operator-resources for any discharge outside of the acceptable discharge periods. In addition, Permittees shall notify the MPCA of the potential noncompliance prior to discharge. Permittees shall call the appropriate regional office or assigned Compliance and Enforcement staff and indicate that the call is for notification of a pond discharge outside of acceptable discharge periods. [Minn. R. 7001.0150, subp.3(F)]
5.4.102	Permittees shall allow an adequate dilution ratio for any discharge outside of acceptable discharge periods or to an ice-covered receiving water. If an adequate dilution ratio is not available, Permittees shall monitor the receiving water as specified in the Stabilization Pond Discharge Guidance. [Minn. R. 7001.0150, subp.3(F)]
5.4.103	Permittees shall submit an eDMR for any discharge outside of acceptable discharge periods or to an ice-covered receiving water. Permittees shall also submit a Discharge Evaluation Report located on the MPCA's website at https://www.pca.state.mn.us/business-with-us/wastewater-operator-resources . [Minn. R. 7001.0150, subp.3(F)]
5.4.104	Pond Discharge Rate. the discharge rate shall be limited so as not to create a shock load on the receiving waters, disturb the pond bottom sediment in the area of the intake, or flood downstream properties. If the drawdown rate should exceed six inches per day, Permittees shall call the appropriate MPCA regional office or assigned Compliance and Enforcement staff and indicate that the call is for notification of a pond discharge. [Minn. R. 7001.0150, subp.3(F)]
5.4.105	Limit Calculation Basis. Effluent limitations for the Permit and the NOC have been assigned based upon the assumption that the pond will be discharged no more than six inches per day and that the receiving waters exhibit favorable flow and reaeration characteristics during the acceptable discharge periods. [Minn. R. 7001.0150, subp.3(F)]
5.4.106	Pre-discharge Sampling. [Minn. R. 7001]
5.4.107	Prior to discharge, Permittees shall: <ul style="list-style-type: none"> A. Take composite samples from four sides of the pond; B. Analyze the composite sample for permitted parameters; C. Collect and analyze this sample no more than two weeks prior to the beginning of the discharge; D. Collect and analyze dissolved oxygen and pH samples as field tests no more than 24 hours prior to the beginning of the discharge; and E. Obtain and analyze additional pre-discharge samples prior to discharge if more than two weeks pass prior to the beginning of discharge. [Minn. R. 7001.0150, subp.3(F)]
5.4.108	If pre-discharge sample results indicate exceedances of one or more of the effluent limitations, Permittees shall notify the MPCA of potential noncompliance prior to discharge. Permittees shall call the MPCA at the appropriate regional office or assigned Compliance and Enforcement staff and indicate that the call is for notification of a pond discharge. [Minn. R. 7001.0150, subp.3(F)]

5.4.109	<p>Pond Observations. Permittees shall inspect the pond system at a minimum frequency of once per week and shall:</p> <ul style="list-style-type: none"> A. Measure pond water depth; B. Estimate the coverage of aquatic plants, floating mats, and ice cover on the surface of the ponds; and C. Note odors, the condition of the dikes, and the presence of rodents. <p>Permittees shall maintain records of these weekly inspections for the last three years and submit the results as an attachment to the eDMR. [Minn. R. 7001.0150, subp.3(F)]</p>
5.4.110	<p>Inflow and Infiltration (I/I) Removal. [Minn. R. 7001]</p>
5.4.111	<p>I/I Evaluation Plan. [Minn. R. 7001]</p>
5.4.112	<p>If the MPCA requires a Permittee submit an I/I Evaluation Plan, the MPCA will list it in the submittal action summary of the NOC. [Minn. R. 7001.0150, subp.3(F)]</p>
5.4.113	<p>Permittees shall complete an I/I Evaluation Plan if the MPCA determines that their facility is receiving excessive I/I that could cause releases, upsets, unauthorized discharges/bypasses or permit violations. [Minn. R. 7001]</p>
5.4.114	<p>The Permittee shall submit an inflow and infiltration (I/I) evaluation plan : Due by 180 days after permit issuance. [Minn. R. 7001]</p>
5.4.115	<p>The I/I Evaluation Plan shall include, but not be limited to, the following:</p> <ul style="list-style-type: none"> A. An evaluation of the relationship between facility influent flows, wet weather, and spring melt events to determine the extent of I/I to the system; B. A list of all possible sources of I/I based on system evaluation and identification methods such as smoke testing and televising. Possible sources include, but are not limited to, bad service line connections, broken or cracked municipal sewer lines, cracked or broken manholes or lift stations, unsealed manhole covers, individual service laterals, and illegal clean water connections; C. An evaluation of the Permittee's current policy (ordinance, etc.), or establishment of a policy if absent, concerning the connection of foundation drains, floor drains, sump pumps, roof leaders, private service laterals, etc. from buildings connected to the system and how the Permittee ensures compliance with the policy; D. A description of past Permittee actions to identify and eliminate sources of I/I; and E. A description of current and future Permittee actions to identify and eliminate sources of I/I, including implementation and completion dates. The Permittee specified actions and dates contained in the I/I Evaluation Plan are enforceable provisions. [Minn. R. 7001]
5.4.116	<p>In addition, Permittees shall include one of the following action items:</p> <ul style="list-style-type: none"> A. A completed EPA Capacity, Management, Operation, and Maintenance (CMOM) checklist. The checklist can be found at: https://www3.epa.gov/npdes/pubs/cmomselfreview.pdf; B. A completed League of Minnesota Cities Sanitary Sewer System Assessment. The assessment can be found at: http://www.lmc.org/media/document/1/modelSanitarySewerSystemAssessment.docx; or C. An assessment by an independent qualified consultant. [Minn. R. 7001]
5.4.117	<p>I/I Reduction Plan. [Minn. R. 7001]</p>
5.4.118	<p>If the MPCA requires a Permittee submit an I/I Reduction Plan, the MPCA will list it in the submittal action summary of the NOC. [Minn. R. 7001]</p>
5.4.119	<p>The Permittee shall submit an inflow and infiltration (I/I) reduction plan : Due by 180 days after permit issuance. [Minn. R. 7001]</p>

5.4.120	<p>The I/I Reduction Plan shall detail the Permittee's efforts to identify and reduce sources of I/I to the collection and treatment system. At a minimum, the I/I Reduction Plan should include a discussion of the following:</p> <p>A. The Permittee's current policy (ordinance, etc.) concerning the connection of foundation drains, floor drains, sump pumps, roof leaders, private service laterals, etc. from buildings connected to the system;</p> <p>B. How the Permittee assures compliance with the policy;</p> <p>C. A description of past efforts by the Permittee to identify and eliminate sources of I/I, such as sanitary sewer evaluation and rehabilitation; and</p> <p>D. A description of future efforts that the Permittee will initiate to identify and eliminate sources of I/I, including anticipated start dates. [Minn. R. 7001]</p>
5.4.121	<p>Immediately upon submittal to the MPCA, the Permittee shall implement the I/I Reduction Plan for the remainder of this permit. [Minn. R. 7001]</p>
5.4.122	<p>The Permittee shall document and maintain a record of completed I/I reduction activities annually. The records shall detail the I/I identification and elimination activities of the previous year and the effectiveness of the activities. The records shall be kept onsite and made available upon request. [Minn. R. 7001]</p>
5.4.123	<p>Leaking Pond Evaluation Plan. [Minn. R. 7001]</p>
5.4.124	<p>If the MPCA requires a Permittee submit a Leaking Pond Evaluation Plan, the MPCA will list it in the submittal action summary of the NOC. [Minn. R. 7001.0150, subp.3(F)]</p>
5.4.125	<p>If the MPCA conducts a desktop water balance and finds unaccounted for (missing) gallons in excess of the maximum allowed seepage rate, the Permittee shall investigate the unaccounted for gallons through a Leaking Pond Evaluation Plan. [Minn. R. 7001]</p>
5.4.126	<p>The Permittee shall submit a leaking pond evaluation plan : Due by 180 days after permit issuance. [Minn. R. 7001.0150, subp.3(F)]</p>
5.4.127	<p>At a minimum, the Leaking Pond Evaluation Plan shall include:</p> <p>A. An evaluation of the past and present condition and operation of the pond system, including but not limited to: age of the pond system, liner material, rip rap condition and placement, erosion, presence of deep rooted vegetation, presence of rodents and rodent holes, if the pond system has been hydraulically overloaded and operated in the freeboard zone, if the dikes have overtopped, current influent and effluent flow monitoring practices; and</p> <p>B. A plan to ensure accurate influent and effluent flows, including but not limited to: ensuring flow meters in good working order, installing new flow meters if necessary, calibrating pumps at least twice per year, verifying pond acreages (via a survey), verifying pond depths and measurements, ensuring accurate precipitation measurements and accurate discharge volumes. [Minn. R. 7001.0150, subp.3(F)]</p>
5.4.128	<p>Upon submittal of the plan and further MPCA review, the MPCA may require a wastewater treatment facility that leaks in excess of design criteria to apply for and obtain coverage under an individual permit and complete a compliance schedule related to the leakage, thereby rescinding coverage under the Permit. [Minn. R. 7001.0150, subp.3(F)]</p>
5.4.129	<p>Pretreatment: Nondelegated Requirements. [Minn. R. 7049]</p>
5.4.130	<p>Pretreatment requirements only apply to publicly owned treatment works (POTWs). POTWs are facilities owned and operated by a municipality (e.g., city, sanitary district, joint powers board) for public use and the authority operating such a treatment works. [Minn. R. 7049]</p>
5.4.131	<p>If the MPCA requires a Permittee submit a pretreatment annual report, the MPCA will list it in the submittal action summary of the NOC. [Minn. R. 7049]</p>
5.4.132	<p>Definitions. [Minn. R. 7049]</p>
5.4.133	<p>"Individual Control Mechanism" means a document, such as an agreement or permit, which imposes limitations or requirements on an individual industrial user of the POTW. [Minn. R. 7049]</p>

5.4.134	<p>"Significant Industrial User" (SIU) means any industrial user that:</p> <ul style="list-style-type: none">A. Is subject to Categorical Pretreatment Standards, as defined in Minn. R. 7049.0120, subp. 5;B. Discharges 25,000 gallons per day or more of process wastewater, excluding sanitary, noncontact cooling, or boiler blowdown wastewater, to the POTW;C. Contributes a process wastewater containing five percent or more of the flow or load of any pollutant of concern to the POTW; orC. Is designated as significant by the Permittee or the MPCA on the basis that the industrial user has a reasonable potential to adversely impact the POTW's operation or violate any pretreatment standard or requirement. [Minn. R. 7049]
5.4.135	<p>Permittee Responsibility to Control Users. [Minn. R. 7049]</p>
5.4.136	<p>It is the Permittee's responsibility to regulate the discharge from users of its POTW. The Permittee shall prevent any pass through of pollutants or any inhibition or disruption of the Permittee's POTW, its treatment processes, or its sludge processes or disposal that contribute to the violation of the conditions of this Permit or the NOC, or any federal or state law or regulation limiting the release of pollutants from the POTW. [Minn. R. 7049]</p>
5.4.137	<p>The Permittee shall prohibit the discharge of the following to its POTW:</p> <ul style="list-style-type: none">A. Pollutants that create a fire or explosion hazard, including any discharge with a flash point less than 60 degrees C (140 degrees F);B. Pollutants that will cause corrosive structural damage to the POTW, including any waste stream with a pH of less than 5.0;C. Solid or viscous pollutants which would obstruct flow;D. Any pollutant, including oxygen-demanding pollutants such as biochemical oxygen demand, released at a flow rate or pollutant concentration that will cause interference or pass-through;E. Heat that would inhibit biological activity, including any discharge that would cause the temperature of the waste stream at the POTW treatment plant headworks to exceed 40 degrees C (104 degrees F);F. Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that would cause interference or pass-through; andG. Pollutants that produce toxic gases, vapors, or fumes that may endanger the health or safety of workers. [Minn. R. 7049]
5.4.138	<p>The Permittee shall prohibit new discharges of non-contact cooling waters unless there is no cost-effective alternative. Existing discharges of non-contact cooling water to the Permittee's POTW shall be eliminated, where elimination is cost effective, or where an infiltration/inflow analysis and sewer system evaluation survey indicates the need for such removal. [Minn. R. 7049]</p>
5.4.139	<p>If the Permittee accepts trucked-in wastes, the Permittee shall evaluate the trucked-in wastes prior to acceptance in the same manner as it monitors sewered wastes. The Permittee shall accept trucked-in wastes only at specifically designated points. [Minn. R. 7049]</p>
5.4.140	<p>Pollutant of concern means a pollutant that is or may be discharged by an industrial user that is or reasonably should be of concern on the basis that it may cause the Permittee to violate any Permit or NOC limits on the release of pollutants. The following pollutants shall be evaluated to determine if they should be pollutants of concern:</p> <ul style="list-style-type: none">A. Pollutants limited in this Permit or the NOC;B. Pollutants for which monitoring is required in this Permit or the NOC;C. Pollutants that are likely to cause inhibition of the Permittee's POTW;D. Pollutants which may interfere with sludge disposal; andE. Pollutants for which the Permittee's POTW has limited capacity. [Minn. R. 7049]
5.4.141	<p>Control of Significant Industrial Users. [Minn. R. 7049]</p>
5.4.142	<p>The Permittee shall impose pretreatment requirements on SIUs to ensure compliance with all applicable effluent limitations and other requirements set forth in this Permit or the NOC, or any federal or state law or regulation limiting the release of pollutants from the POTW. These requirements shall be applied to SIUs by means of an individual control mechanism. [Minn. R. 7049]</p>

5.4.143	The Permittee shall not knowingly enter into an individual control mechanism with any user that would allow the user to contribute an amount or strength of wastewater that would cause violation of any limitation or requirement in this Permit or the NOC, or any applicable federal, state or local law or regulation. [Minn. R. 7049]
5.4.144	Monitoring of Significant Industrial Users. [Minn. R. 7049]
5.4.145	The Permittee shall obtain specific information from SIUs on the quality and quantity of the SIU's discharges to the Permittee's POTW. Except where specifically requested by the Permittee and approved by the MPCA, this information shall be obtained by means of representative monitoring conducted by the Permittee or by the SIU under requirements imposed by the Permittee in the SIU's individual control mechanism. Monitoring performed to comply with this requirement shall include all pollutants for which the SIU is significant and shall be done at a frequency commensurate with the significance of the SIU. [Minn. R. 7049]
5.4.146	Reporting and Notifications. [Minn. R. 7049]
5.4.147	The Permittee shall submit a pretreatment annual report : Due by 31 days after the end of each calendar year following permit issuance if a SIU discharges to the POTW during a given calendar year. [Minn. R. 7049]
5.4.148	The Permittee shall submit the Pretreatment Annual Report form found on the MPCA's website at https://www.pca.state.mn.us/business-with-us/wastewater-pretreatment or shall provide equivalent information. [Minn. R. 7049]
5.4.149	The Permittee shall submit the Pretreatment Annual Report to the MPCA, WQ Submittals Center. [Minn. R. 7049]
5.4.150	The Permittee shall notify the MPCA in writing of any of the following: A. Any SIU of the Permittee's POTW which has not been previously disclosed to the MPCA; B. Anticipated or actual changes in the volume or quality of discharge by an industrial user that could result in the industrial user becoming an SIU as defined in this section; or C. Anticipated or actual changes in the volume or quality of discharges by a SIU that would require changes to the SIU's required local limits. This notification shall be submitted within 30 days of identifying the industrial user as a SIU. Where changes are proposed, they shall be submitted prior to changes being made. [Minn. R. 7049]
5.4.151	Upon notifying the MPCA of a SIU or change in a SIU discharge as required above, the Permittee shall submit the following information using the forms found on the MPCA's website at https://www.pca.state.mn.us/business-with-us/wastewater-pretreatment or in a comparable format: A. The identity of the SIU and a description of the SIU's operation and process; B. A characterization of the SIU's discharge; C. The required local limits that will be imposed on the SIU; D. A technical justification of the required local limits; and E. A plan for monitoring the SIU which is consistent with monitoring requirements in this section. [Minn. R. 7049]
5.4.152	In addition, the Permittee shall, upon request, submit the following to the MPCA for approval: A. Additional information on the SIU, its processes and discharge; B. A copy of the individual control mechanism used to control the SIU; C. The Permittee's legal authority to be used for regulating the SIU; and D. The Permittee's procedures for enforcing the requirements imposed on the SIU. [Minn. R. 7049]
5.4.153	The Permittee shall notify the MPCA of any of its industrial users that may be subject to National Categorical Pretreatment Standards. [Minn. R. 7049]
5.4.154	The MPCA may modify the NOC in accordance with Minn. R. ch. 7001 to require development of a pretreatment program approvable under the Federal General Pretreatment Regulation (40 CFR 403). [Minn. R. 7049]
5.4.155	Total Facility Requirements (NPDES/SDS). [Minn. R. 7001]

5.4.156	Definitions. Refer to the Permit User's Manual found on the MPCA website at www.pca.state.mn.us for standard definitions. [Minn. R. 7001]
5.4.157	Incorporation by Reference. This permit incorporates the following applicable federal and state laws applicable to the Permittee and enforceable parts of this permit: 40 CFR pts. 122.41, 122.42, 136, 403 and 503; Minn. R. chs. 7001, 7041, 7045, 7050, 7052, 7053, 7060, and 7080; and Minn. Stat. chs. 115 and 116. [Minn. R. 7001]
5.4.158	Permittee Responsibility. The Permittee shall perform the actions or conduct the activity authorized by the permit in compliance with the conditions of the permit and, if required, in accordance with the plans and specifications approved by the MPCA. [Minn. R. 7001.0150, subp. 3(E)]
5.4.159	Toxic Discharges Prohibited. Whether or not this permit includes effluent limitations for toxic pollutants, the Permittee shall not discharge a toxic pollutant except according to 40 CFR pts. 400 to 460 and Minn. R. chs. 7050, 7052, 7053 and any other applicable MPCA rules. [Minn. R. 7001.0150, subp. 1(A)]
5.4.160	Nuisance Conditions Prohibited. The Permittee's discharge shall not cause any nuisance conditions including, but not limited to: floating solids, scum and visible oil film, excessive suspended solids, material discoloration, obnoxious odors, gas ebullition, deleterious sludge deposits, undesirable slimes or fungus growths, aquatic habitat degradation, excessive growths of aquatic plants, acutely toxic conditions to aquatic life, or other adverse impact on the receiving water. [Minn. R. 7001.0210, subp. 2]
5.4.161	Property Rights. This permit does not convey a property right or an exclusive privilege. [Minn. R. 7001.0150, subp. 3(C)]
5.4.162	Liability Exemption. In issuing this permit, the State of Minnesota and the MPCA 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 this permit. To the extent the state and the MPCA may be liable for the activities of its employees, that liability is explicitly limited to that provided in the Tort Claims Act. [Minn. R. 7001.0150, subp. 3(O)]
5.4.163	The MPCA's issuance of this permit does not obligate the MPCA to enforce local laws, rules, or plans beyond what Minnesota Statutes authorize. [Minn. R. 7001.0150, subp. 3(D)]
5.4.164	Liabilities. The MPCA's issuance of this 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 permit. [Minn. R. 7001.0150, subp. 3(A)]
5.4.165	The issuance of this permit does not prevent the future adoption by the MPCA 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)]
5.4.166	Severability. The provisions of this permit are severable and, if any provisions of this permit or the application of any provision of this permit to any circumstance are held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby. [Minn. R. 7001]
5.4.167	Compliance with Other Rules and Statutes. The Permittee shall comply with all applicable air quality, solid waste, and hazardous waste statutes and rules in the operation and maintenance of the facility. [Minn. R. 7001]
5.4.168	Inspection and Entry. When authorized by Minn. Stat. ch. 115.04; 115B.17, subd. 4; and 116.091, and upon presentation of proper credentials, the Permittee shall allow the MPCA, or an authorized employee or agent of the MPCA, to enter at reasonable times upon the property of the Permittee to examine and copy books, papers, records, or memoranda pertaining to the construction, modification, or operation of the facility covered by the permit or pertaining to the activity covered by the 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 permit. [Minn. R. 7001.0150, subp. 3(I)]

5.4.169	<p>Control Users. The Permittee shall regulate the users of its facility to prevent the introduction of pollutants or materials that may result in the inhibition or disruption of the conveyance system, treatment facility or processes, or disposal system that would contribute to the violation of the conditions of this permit or any federal, state or local law or regulation. [Minn. R. 7001.0150, subp. 3(F)]</p>
5.4.170	<p>Sampling. [Minn. R. 7001]</p>
5.4.171	<p>Representative Sampling. The Permittee shall conduct samples and measurements required by this permit as specified in this permit and shall be representative of the discharge or monitored activity. [Minn. R. 7001.0150, subp. 2(B)]</p>
5.4.172	<p>Additional Sampling. If the Permittee monitors more frequently than required, they shall report the results and the frequency of monitoring on the eDMR for that reporting period. [Minn. R. 7001.1090, subp. 1(E)]</p>
5.4.173	<p>Certified Accredited Laboratory. A laboratory accredited by the Minnesota Department of Health [Minn. R. 4740.2010 through Minn. R. 4740.2120] and/or certified by the MPCA [Minn. R. 7001.4310 through Minn. R. 7001.4390] shall conduct analyses required by this permit, unless approved in writing by the MPCA. A certified/accredited laboratory does not need to complete analyses of dissolved oxygen, pH, temperature, specific conductance, and total residual oxidants (chlorine, bromine). Those analyses shall comply with 40 CFR pt. 136. Dissolved oxygen, pH, and total residual oxidants must be performed on-site. Follow the manufacturer's specifications for equipment maintenance and use. [Minn. R. 4740.2010, Minn. R. 4740.2050 through 2120]</p>
5.4.174	<p>Sample Preservation and Procedure. Sample preservation and test procedures for the analysis of pollutants shall conform to 40 CFR Part 136 and Minn. R. 7041.3200. [40 CFR 136, Minn. R. 7041.3200]</p>
5.4.175	<p>Equipment Calibration. The Permittee shall check and/or calibrate flow meters, pumps, flumes, lift stations or other flow monitoring equipment used for purposes of determining compliance (within plus or minus ten percent of the true flow values) with permit requirements at least twice annually. [Minn. R. 7001.0150, subp. 2(B and C)]</p>
5.4.176	<p>Maintain Records. The Permittee shall keep the records required by this permit for at least three years, including any calculations, original recordings from automatic monitoring instruments, equipment calibration records, and laboratory sheets. The Permittee shall extend these record retention periods upon request of the MPCA. The Permittee shall maintain records for each sample and measurement. The records shall include the following information:</p> <ul style="list-style-type: none"> A. The exact place, date, and time of the sample or measurement; B. The date and time of analysis; C. The name of the person who performed the sample collection, measurement, analysis, or calculation; D. The analytical techniques, procedures and methods used; and E. The results of the analysis. [Minn. R. 7001.0150, subp. 2(C)]
5.4.177	<p>Completing Reports. The Permittee shall submit the results of the required sampling and monitoring activities on the forms provided, specified, or approved by the MPCA. The Permittee shall record the information in the specified areas on those forms and in the units specified.</p> <p>Required forms may include a Sample Values Form. If required, the Permittee shall record individual values for each sample and measurement on the Sample Values Form provided by the MPCA. The Permittee shall submit the Sample Values Form with the appropriate eDMRs. The Permittee may design and use their own Sample Values Form; however the Permittee shall not use their form until the MPCA reviews and approves the form.</p> <p>Note: The Permittee shall also record required summary information on their eDMR. Permittee submitted summary information contained only on the Sample Values Form does not comply with the reporting requirements. [Minn. R. 7001.0150, subp. 2(B), Minn. R. 7001.1090, subp. 1(D)]</p>

5.4.178	<p>Submitting Reports. The Permittee shall submit eDMRs, Sample Values Forms, and other supplemental attachment forms via MPCA e-Services after the MPCA approves their authorization request.</p> <p>The Permittee shall electronically submit eDMRs, Sample Values Forms, and other supplemental attachment forms by the 21st day of the month following the sampling period or otherwise as specified in this permit. The Permittee shall complete eDMR submittal on or before 11:59 PM of the 21st day of the month following the sampling period or as otherwise specified in this permit. The Permittee shall submit an eDMR for each required station even if no discharge occurred during the reporting period.</p> <p>The Permittee shall submit other reports required by this permit electronically or by mail. The Permittee shall submit reports by the date specified in this permit. For electronic submittals, the Permittee shall submit on or before 11:59 PM on the date specified in this permit. For mailed submittals, the Permittee shall ensure that submittals via U.S. Postal Service or other hand delivery method contain postmarks by the date specified in this permit.</p> <p>Electronically: wq.submittals.mPCA@state.mn.us Include Water quality submittals form: www.pca.state.mn.us/sites/default/files/wq-wwprm7-71.docx</p> <p>Or by mail: Attention: WQ Submittals Center Minnesota Pollution Control Agency 520 Lafayette Road North St. Paul, MN 55155-4191. [Minn. R. 7001.0150, subp. 2(B), Minn. R. 7001.0150, subp. 3(H)]</p>
5.4.179	<p>Incomplete or Incorrect Reports. The Permittee shall immediately submit an electronically amended report or eDMR to the MPCA upon discovery by the Permittee or notification by the MPCA that it has submitted an incomplete or incorrect report or eDMR. The amended report or eDMR shall contain the missing or corrected data along with a comment on the e DMR explaining the circumstances of the incomplete or incorrect report. If it is impossible to amend the report or eDMR electronically, the Permittee shall immediately notify the MPCA and the MPCA will provide direction for the amendment submittals. [Minn. R. 7001.0150, subp. 3(G)]</p>
5.4.180	<p>Required Signatures. The Permittee or the duly authorized representative of the Permittee shall sign all eDMRs, forms, reports, and other documents submitted to the MPCA per Minn. R. 7001.0150, subp. 2, item D. The person or persons that sign the eDMRs, forms, reports or other documents shall certify that the person understands and complies with the certification requirements of Minn. R. 7001.0070 and 7001.0540, including the penalties for submitting false information. A registered professional engineer shall certify technical documents such as drawings and specifications, and engineering studies submitted as part of a permit application or by permit conditions. [Minn. R. 7001.0540]</p>
5.4.181	<p>Reporting Limit (RL). The Permittee shall report monitoring results below the RL of a particular instrument as "<" the value of the RL. For example, if an instrument has a RL of 0.1 mg/L and a parameter is not detected at a value of 0.1 mg/L or greater, the Permittee shall report the concentration as "<0.1 mg/L." The Permittee shall not use "non-detected," "undetected," "below detection limit," and/or "zero" when reporting results. The MPCA considers these terms as reporting violations.</p> <p>Where sample values are less than the RL and the permit requires reporting of an average, the Permittee shall calculate the average as follows:</p> <p>A. If some values are less than (<) the RL, substitute zero for all non-detectable values to use in the average calculation;</p> <p>B. If all values are less than (<) the RL, calculate the average and report as < the RL average concentration; and</p> <p>C. To calculate a mass loading with a less than (<) the RL concentration, use the RL value in the calculation and then add the "<" to the product of the concentration and the volume. [Minn. R. 7001.0150, subp. 2(B)]</p>

5.4.182	<p>Records. The Permittee shall, when requested by the MPCA, 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 permit or regarding the conduct of the activity covered by the permit. [Minn. R. 7001.0150, subp. 3(H)]</p>
5.4.183	<p>Confidential Information. Except for data determined to be confidential according to Minn. Stat. ch. 116.075, subd. 2, all reports required by this permit shall be available for public inspection. The MPCA does not consider effluent data confidential. To request the MPCA maintain data as confidential, the Permittee shall follow Minn. R. 7000.1300. [Minn. R. 7000.1300]</p>
5.4.184	<p>Noncompliance and Enforcement. [Minn. R. 7001]</p>
5.4.185	<p>Subject to Enforcement Action and Penalties. Noncompliance with a term or condition of this permit subjects the Permittee to penalties provided by federal and state law set forth in section 309 of the Clean Water Act; United States Code, title 33, section 1319, as amended; and in Minn. Stat. ch. 115.071 and 116.072, including monetary penalties, imprisonment, or both. [Minn. R. 7001.1090, subp. 1(B)]</p>
5.4.186	<p>Criminal Activity. The Permittee shall not knowingly make a false statement, representation, or certification in a record or other document submitted to the MPCA. A person who falsifies a report or document submitted to the MPCA, or tampers with, or knowingly renders inaccurate a monitoring device or method required to be maintained under this permit is subject to criminal and civil penalties provided by federal and state law. [Minn. R. 7001.0150, subp. 3(G), Minn. R. 7001.1090, subp. 1(G and H), Minn. Stat. ch. 609.671, subp. 1]</p>
5.4.187	<p>Noncompliance Defense. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [40 CFR 122.41(c)]</p>
5.4.188	<p>Effluent Violations. If sampling by the Permittee indicates a violation of any discharge limitation specified in this permit, the Permittee shall immediately make every effort to verify the violation by collecting additional samples, if appropriate, investigate the cause of the violation, and take action to prevent future violations.</p> <p>If the Permittee discovers that noncompliance with a condition of the permit has occurred and that noncompliance could endanger human health, public drinking water supplies, or the environment, the Permittee shall within 24 hours of the discovery of the noncompliance, orally notify the Commissioner and submit a written description of the noncompliance within five days of the discovery.</p> <p>If the Permittee discovers other noncompliance that does not explicitly endanger human health, public drinking water supplies, or the environment, the Permittee shall report the description of noncompliance within 30 days of the discovery. If no eDMR is required within 30 days, the Permittee shall submit a written report including the description of noncompliance within 30 days of the discovery of the noncompliance. This description shall include the following information:</p> <ul style="list-style-type: none">A. A description of the event including volume, duration, monitoring results, and receiving waters;B. The cause of the event;C. The steps taken to reduce, eliminate, and prevent reoccurrence of the event;D. The exact dates and times of the event; andE. Steps taken to reduce any adverse impact resulting from the event. [Minn. R. 7001.0150, subp. 3((K))]

5.4.189	<p>Upset Defense. In the event of temporary noncompliance with applicable effluent limitation(s) resulting from an upset at the Permittee's facility due to factors beyond the control of the Permittee, the Permittee has an affirmative defense to an enforcement action brought by the MPCA as a result of the noncompliance if the Permittee demonstrates by a preponderance of competent evidence:</p> <ul style="list-style-type: none">A. The specific cause of the upset;B. That the upset was unintentional;C. That the upset resulted from factors beyond the reasonable control of the Permittee and did not result from operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or increases in production which are beyond the design capability of the treatment facilities;D. That at the time of the upset the facility was being properly operated;E. That the Permittee properly notified the Commissioner of the upset in accordance with Minn. R. 7001.1090, subp. 1, item I; andF. That the Permittee implemented the remedial measures required by Minn. R. 7001.0150, subp. 3, item J. [Minn. R. 7001.1090]
5.4.190	<p>Release. [Minn. R. 7001]</p>
5.4.191	<p>Unauthorized Releases of Wastewater Prohibited. This permit prohibits overflows, discharges, spills, or other releases of wastewater or materials to the environment, whether intentional or not, except for discharges from outfalls specifically authorized by this permit. The MPCA will consider the Permittee's compliance with permit requirements, frequency of release, quantity, type, location, and other relevant factors when determining appropriate action. [40 CFR 122.41, Minn. Stat. ch. 115.061]</p>
5.4.192	<p>Discovery of a Release. Upon discovery of a release, the Permittee shall:</p> <ul style="list-style-type: none">A. Take all reasonable steps to immediately end the release;B. Notify the Minnesota Department of Public Safety Duty Officer at 1-800-422-0798 or 651-649-5451 (metro area) immediately upon discovery of the release. The Permittee may contact the MPCA during business hours at 1-800-657-3864 or -651-296-6300 (metro area); andC. Recover as rapidly and as thoroughly as possible all substances and materials released or immediately take other action as may be reasonably possible to minimize or abate pollution to waters of the state or potential impacts to human health caused thereby. If the Permittee cannot immediately or completely recover the released materials or substances, the Permittee shall contact the MPCA. If directed by the MPCA, the Permittee shall consult with other local, state, or federal agencies (such as the Minnesota Department of Natural Resources and/or the Wetland Conservation Act authority) for implementation of additional clean up or remediation activities in wetland or other sensitive areas. [Minn. R. 7001.1090]
5.4.193	<p>Sampling of a Release. Upon discovery of a release, the Permittee shall:</p> <ul style="list-style-type: none">A. Collect representative samples of the release. The Permittee shall sample the release for permitted effluent limit parameters and other parameters of concern immediately following discovery of the release. The Permittee may contact the MPCA during business hours to discuss the sampling parameters and protocol. In addition, the Permittee shall collect fecal coliform bacteria samples where the Permittee determines that the release contains or may contain sewage. If the Permittee cannot immediately stop the release, the Permittee shall consult with the MPCA regarding additional sampling requirements. The Permittee shall collect samples at least, but not limited to, two times per week for as long as the release continues; andB. Submit the sampling results on the Release Report located on the MPCA website at https://www.pca.state.mn.us/business-with-us/discharge-monitoring-reports <p>The Permittee shall submit the Release Report to the MPCA with the next DMR or within 30 days, whichever is sooner. [Minn. R. 7001.1090]</p>

5.4.194	<p>Notification of the Public. Following immediate notification to the Minnesota Department of Public Safety Duty Officer and the MPCA of any discharge event that could endanger human health, public drinking water supplies, or the environment, or a Release or Bypass, as described above, the Permittee shall promptly notify the public and any drinking water facility of the discharge.</p> <p>Notice to the public and to any drinking water facility must be made using the most efficient communications system available to the facility owner such as in person, telephone call, radio, social media, webpage, or another expedited form. In addition, signage must be posted at all impacted public use areas within the same jurisdiction or notification must be provided to the entity that has jurisdiction over any impacted public use areas. A notice under this requirement must include the date and time of the discharge, a description of the material released, a warning of the potential public health risk, and the Permittee's contact information. [Minn. Stat. ch. 115.061]</p>
5.4.195	<p>Bypass. [Minn. R. 7001]</p>
5.4.196	<p>Anticipated Bypass. The Permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if the bypass is for essential maintenance to assure efficient operation of the facility. The Permittee shall submit prior notice to the MPCA at least ten days before the date of the bypass, if possible. The notice of the need for an anticipated bypass shall include the following information:</p> <ul style="list-style-type: none">A. The proposed date and estimated duration of the bypass;B. The alternatives to bypassing; andC. A proposal for effluent sampling during the bypass. Any bypass wastewater shall enter waters of the state from outfalls specifically authorized by this permit. Therefore, the Permittee shall collect samples at the frequency and location identified in this permit or two times per week for as long as the bypass continues, whichever is more frequent. [40 CFR 122.41(m)(2 and 3), Minn. R. 7001.1090, subp. 1(J)]
5.4.197	<p>This permit prohibits all other bypasses. The MPCA may take enforcement action against the Permittee for a bypass, unless the specific conditions described in Minn. R. Ch. 7001.1090 subp. 1, K and 40 CFR 122.41(m)(4)(i) are met.</p> <p>In the event of an unanticipated bypass, the Permittee shall:</p> <ul style="list-style-type: none">A. Take all reasonable steps to immediately end the bypass;B. Notify the Minnesota Department of Public Safety Duty Officer at 1-800-422-0798 or 651-649-5451 (metro area) immediately upon commencement of the bypass. You may contact the MPCA during business hours at 1-800-657-3864 or 651-296-6300 (metro area);C. Immediately take action as may be reasonably possible to minimize or abate pollution to waters of the state or potential impacts to human health caused thereby. If directed by the MPCA, the Permittee shall consult with other local, state or federal agencies for implementation of abatement, clean-up, or remediation activities; andD. Only allow bypass wastewater as specified in this section to enter waters of the state from outfalls specifically authorized by this permit. The Permittee shall collect samples at the frequency and location identified in this permit or two times per week for as long as the bypass continues, whichever is more frequent. The Permittee shall also follow the reporting requirements for effluent violations as specified in this permit. [40 CFR 122.41(m)(4)i, Minn. R. 7001.1090, subp. 1(K), Minn. Stat. ch. 115]
5.4.198	<p>Operation and Maintenance. [Minn. R. 7001]</p>
5.4.199	<p>The Permittee shall 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 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 shall install and maintain appropriate backup or auxiliary facilities if they are necessary to achieve compliance with the conditions of the 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)]</p>

5.4.200	In the event of a reduction or loss of effective treatment of wastewater at the facility, the Permittee shall control production or curtail its discharges to the extent necessary to maintain compliance with the terms and conditions of this permit. The Permittee shall continue this control or curtailment until the wastewater treatment facility has been restored or until an alternative method of treatment is provided. [Minn. R. 7001.1090, subp. 1(C)]
5.4.201	Solids Management. The Permittee shall properly store, transport, and dispose of biosolids, septage, sediments, residual solids, filter backwash, screenings, oil, grease, and other substances so that pollutants do not enter surface waters or ground waters of the state. The Permittee shall manage solids in accordance with local, state and federal requirements. [40 CFR 503, Minn. R. 7041]
5.4.202	Scheduled Maintenance. The Permittee shall schedule maintenance of the treatment works during non-critical water quality periods to prevent water quality degradation, except where the facility requires emergency maintenance to prevent a condition that would be detrimental to water quality or human health. [Minn. R. 7001.0150, subp. 2(B), Minn. R. 7001.0150, subp. 3(F)]
5.4.203	Control Tests. The Permittee shall conduct in-plant control tests at a frequency adequate to ensure compliance with the conditions of this permit. [Minn. R. 7001.0150, subp. 2(B), Minn. R. 7001.0150, subp. 3(F)]
5.4.204	Changes to the Facility or Permit. [Minn. R. 7001]
5.4.205	Permit Modifications. Except as provided under Minn. Stat. ch. 115.07, subd. 1 and 3, no person required by statute or rule to obtain a permit may construct, install, modify, or operate the facility to be permitted, nor shall a person commence an activity for which a permit is required by statute or rule until the agency has issued a written permit for the facility or activity. Permittees that propose to make a change to the facility or discharge that requires a permit modification shall follow Minn. R. 7001.0190. If the Permittee cannot determine whether a permit modification is needed, the Permittee shall contact the MPCA prior to any action. The MPCA recommends that Permittees submit the application for permit modification at least 180 days prior to the planned change. [Minn. R. 7001.0030]
5.4.206	This permit does not require plans, specifications, and MPCA approval when maintenance dictates the need for installation of new equipment, provided the equipment is the same design size and has the same design intent. For instance, Permittees can replace a broken pipe, lift station pump, aerator, or blower with the same design-sized equipment without MPCA approval. If this permit does not expressly authorize the Permittee proposed construction, the MPCA may require a permit modification. If the proposed construction project requires an Environmental Assessment Worksheet under Minn. R. 4410, no construction shall begin until the MPCA issues a negative declaration and the Permittee receives or implements all approvals. [Minn. R. 7001.0030]
5.4.207	Report Changes. The Permittee shall give advance notice as soon as possible to the MPCA of any substantial changes in operational procedures, activities that may alter the nature or frequency of the discharge, and/or material factors that may affect compliance with the conditions of this permit. [Minn. R. 7001.0150, subp. 3(M)]

5.4.208	<p>Chemical Additives. The Permittee shall receive prior written approval from the MPCA before increasing the use of a chemical additive authorized by this permit, or using a chemical additive not authorized by this permit, in quantities or concentrations that have the potential to change the characteristics, nature and/or quality of the discharge.</p> <p>The Permittee shall request approval for an increased or new use of a chemical additive at least 60 days, or as soon as possible, before the proposed increased or new use. This written request shall include at least the following information for the proposed additive as instructed in the chemical additive approvals section on the MPCA website at https://www.pca.state.mn.us/business-with-us/wastewater-permit-additional-guidance-and-information:</p> <ul style="list-style-type: none">A. The process for which the additive will be used;B. Safety Data Sheet (SDS) which shall include aquatic toxicity, human health, and environmental fate information for the proposed additive. The aquatic toxicity information shall include at minimum the results of: a) a 48-hour LC50 or EC50 acute study for a North American freshwater planktonic crustacean (either Ceriodaphnia or Daphnia sp.) and b) a 96-hour LC50 acute study for rainbow trout, bluegill or fathead minnow or another North American freshwater aquatic species other than a planktonic crustacean;C. A complete product use and instruction label;D. The commercial and chemical names and Chemical Abstract Survey (CAS) number for all ingredients in the additive (If the MSDS does not include information on chemical composition, including percentages for each ingredient totaling to 100%, the Permittee shall contact the supplier to have this information provided); andE. The proposed method of application, application frequency, concentration, and daily average and maximum rates of use. <p>Upon review of the information submitted regarding the proposed chemical additive, the MPCA may require additional information be submitted for consideration. This permit may be modified to restrict the use or discharge of a chemical additive and include additional influent and effluent monitoring requirements. Approval for the use of an additive shall not justify the exceedance of any effluent limitation nor shall it be used as a defense against pollutant levels in the discharge causing or contributing to the violation of a water quality standard. [Minn. R. 7001.0170]</p>
5.4.209	<p>MPCA Initiated Permit Modification, Suspension, or Revocation. The MPCA may modify or revoke and reissue this permit pursuant to Minn. R. 7001.0170. The MPCA may revoke without reissuance this permit pursuant to Minn. R. 7001.0180. [Minn. R. 7001.0170, Minn. R. 7001.0180]</p>
5.4.210	<p>Total Maximum Daily Load (TMDL) Impacts. The MPCA may require facilities that discharge to an impaired surface water, watershed or drainage basin to comply with additional permits or permit requirements. These requirements can include additional restriction or relaxation of limits and monitoring as authorized by the CWA 303(d)(4)(A) and 40 CFR ch. 122.44(l)(2)(i), necessary to ensure consistency with the assumptions and requirements of any applicable US EPA approved wasteload allocations resulting from TMDL studies. [40 CFR 122.44(l)(2)i]</p>
5.4.211	<p>Permit Transfer. The permit is not transferable to any person without the express written approval of the MPCA after compliance with the requirements of Minn. R. 7001.0190. A person who receives permit transference shall comply with the conditions of the permit. [Minn. R. 7001.0150, subp. 3(N)]</p>

5.4.212	<p>Facility Closure. The Permittee is responsible for closure and post-closure care of the facility. The Permittee shall notify the MPCA of a significant reduction or cessation of the activities described in this permit at least 180 days before the reduction or cessation. The MPCA may require the Permittee to provide a Facility Closure Plan to the MPCA for approval.</p> <p>The MPCA may require a permit modification or reissuance for a facility closure that could result in a potential long-term water quality concern, such as the ongoing discharge of wastewater to surface or ground water.</p> <p>The MPCA may require the Permittee to establish and maintain financial assurance to ensure performance of certain obligations under this permit, including closure, post-closure care and remedial action at the facility. If the MPCA requires financial assurance, the MPCA shall approve the amount and type of financial assurance, and proposed modifications to previously MPCA-approved financial assurance. [Minn. Stat. ch. 116.07, subp. 4]</p>
5.4.213	<p>Permit Reissuance. If the Permittee desires to continue permit coverage beyond the date of permit expiration, the Permittee shall submit an application for permit reissuance : Due by 180 days before the general permit expiration date. [Minn. R. 7001.0160]</p>
5.4.214	<p>If the Permittee does not intend to continue the activities authorized by this permit after the expiration date of this permit, the Permittee shall notify the MPCA in writing at least 180 days before permit expiration. If the Permittee has submitted a timely application for permit reissuance, the Permittee may continue to conduct the activities authorized by this permit, in compliance with the requirements of this permit, until the MPCA takes final action on the application, unless the MPCA determines any of the following:</p> <ul style="list-style-type: none">A. The Permittee is not in substantial compliance with the requirements of this permit, or with a stipulation agreement or compliance schedule designed to bring the Permittee into compliance with this permit;B. The MPCA, as a result of an action or failure to act by the Permittee, has been unable to take final action on the application on or before the expiration date of the permit; orC. The Permittee has submitted an application with major deficiencies or has failed to properly supplement the application in a timely manner after being informed of deficiencies. [Minn. R. 7001.0040, Minn. R. 7001.0160]

2. Submittal action summary

GW 00X	Tile Line Monitoring	
		Groundwater: MNG585 Tile Line Requirements
	6.1.1	The Permittee shall submit a monthly DMR : Due by 21 days after the end of each calendar month following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
SD 00X	Effluent To Surface Water	
		Surface Discharge: MNG585 Effluent-Salty Requirements
	6.2.1	The Permittee shall submit a monthly DMR : Due by 21 days after the end of each calendar month following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
WS 00X	Influent Waste	
		Waste Stream: MNG585 Influent Requirements
	6.3.1	The Permittee shall submit a monthly DMR : Due by 21 days after the end of each calendar month following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
MNG585000	Wastewater Pond General Permit	
		Wastewater Pond General Permit Requirements
	6.4.1	The Permittee shall submit a phosphorus management plan : Due by 180 days after permit issuance. Immediately upon submittal to the MPCA, the Permittee shall implement the Streamlined Phosphorus Management Plan for the remainder of the Permit. [Minn. R. 7001]
	6.4.2	The Permittee shall submit a mercury pollutant minimization plan : Due by 180 days after permit issuance. Immediately upon submittal to the MPCA, the Permittee shall implement the Mercury PMP for the remainder of the Permit. [Minn. R. 7001]
	6.4.3	The Permittee shall submit an inflow and infiltration (I/I) evaluation plan : Due by 180 days after permit issuance. [Minn. R. 7001]
	6.4.4	The Permittee shall submit an inflow and infiltration (I/I) reduction plan : Due by 180 days after permit issuance. [Minn. R. 7001]
	6.4.5	The Permittee shall submit a leaking pond evaluation plan : Due by 180 days after permit issuance. [Minn. R. 7001.0150, subp.3(F)]
	6.4.6	The Permittee shall submit a pretreatment annual report : Due by 31 days after the end of each calendar year following permit issuance if a SIU discharges to the POTW during a given calendar year. [Minn. R. 7049]
	6.4.7	Permit Reissuance. If the Permittee desires to continue permit coverage beyond the date of permit expiration, the Permittee shall submit an application for permit reissuance : Due by 180 days before the general permit expiration date. [Minn. R. 7001.0160]

3. Limits and monitoring

Subject item	Parameter	Discharge limitations					Monitoring requirements					Notes
		Quantity /Loading avg.	Quantity /Loading max.	Quantity /Loading units	Quality /Conc. /Conc. min.	Quality /Conc. avg.	Quality /Conc. max.	Quality/ Conc. units	Frequency	Sample type	Effective period	
GW 00X Tile Line Monitoring	Chloride, Total						Monitor only. calendar month maximum	milligrams per liter	once per month	Grab	Apr, Jul, Oct	
GW 00X Tile Line Monitoring	Fecal Coliform, MPN or Membrane Filter 44.5C						Monitor only. calendar month maximum	organisms per 100 milliliter	once per month	Grab	Apr, Jul, Oct	
GW 00X Tile Line Monitoring	Specific Conductance						Monitor only. calendar month maximum	micromhos per cm	once per month	Grab	Apr, Jul, Oct	
SD 00X Effluent to Surface Water	Bicarbonates (HCO3)						Monitor only. calendar month maximum	milligrams per liter	once per half year	Grab	Jan-Dec	Only required if specified in NOC.
SD 00X Effluent to Surface Water	BOD, Carbonaceous 05 Day (20 Deg C)	XXXX calendar month average	XXXX maximum calendar week average	kilograms per day		25 calendar month average	40 maximum calendar week average	milligrams per liter	twice per week	Grab	Jan-Dec	
SD 00X Effluent to Surface Water	Calcium, Total (as Ca)						Monitor only. calendar month maximum	milligrams per liter	once per half year	Grab	Jan-Dec	Only required if specified in NOC.
SD 00X Effluent to Surface Water	Chloride, Total						Monitor only. calendar month maximum	milligrams per liter	once per half year	Grab	Jan-Dec	Only required if specified in NOC.
SD 00X Effluent to Surface Water	Fecal Coliform, MPN or Membrane Filter 44.5C					200 calendar month geometric mean		organisms per 100 milliliter	twice per week	Grab	As specified in NOC.	

Subject item	Parameter	Discharge limitations						Monitoring requirements				Notes
		Quantity /Loading avg.	Quantity /Loading max.	Quantity /Loading units	Quality /Conc. min.	Quality /Conc. avg.	Quality /Conc. max.	Quality/ Conc. units	Frequency	Sample type	Effective period	
SD 00X Effluent to Surface Water	Flow		Monitor only. calendar month total	million gallons		Monitor only. calendar month average	Monitor only. calendar month maximum	million gallons per day	once per day	Measurement, Continuous	As specified in NOC.	
SD 00X Effluent to Surface Water	Flow		Monitor only. calendar month total intervention	million gallons		Monitor only. calendar month average intervention	Monitor only. calendar month max intervention limit	million gallons per day	once per day	Measurement, Continuous	As specified in NOC.	The intervention limit is zero. If Permittees exceed this limit, they shall take action as described in the Discharges Outside Acceptable Discharge Periods requirements in the NOC.
SD 00X Effluent to Surface Water	Hardness, Calcium & Magnesium, Calculated (as CaCO3)						Monitor only. calendar month maximum	milligrams per liter	once per half year	Grab	Jan-Dec	Only required if specified in NOC.
SD 00X Effluent to Surface Water	Magnesium, Total (as Mg)						Monitor only. calendar month maximum	milligrams per liter	once per half year	Grab	Jan-Dec	Only required if specified in NOC.
SD 00X Effluent to Surface Water	Mercury, Dissolved (as Hg)					As specified in NOC. calendar month average	As specified in NOC. daily maximum	nanograms per liter	As specified in NOC.	Grab	Jan-Dec	Only required if specified in NOC.
SD 00X Effluent to Surface Water	Mercury, Total (as Hg)					As specified in NOC. calendar month average	As specified in NOC. daily maximum	nanograms per liter	As specified in NOC.	Grab	Jan-Dec	Only required if specified in NOC. Limits as specified in NOC.

Subject item	Parameter	Discharge limitations						Monitoring requirements				Notes
		Quantity /Loading avg.	Quantity /Loading max.	Quantity /Loading units	Quality /Conc. min.	Quality /Conc. avg.	Quality /Conc. max.	Quality/ Conc. units	Frequency	Sample type	Effective period	
SD 00X Effluent to Surface Water	Nitrite Plus Nitrate, Total (as N)					Monitor only. calendar month average		milligrams per liter	As specified in NOC.	Grab	As specified in NOC.	
SD 00X Effluent to Surface Water	Nitrogen, Ammonia, Total (as N)					Monitor only. calendar month average		milligrams per liter	As specified in NOC.	Grab	As specified in NOC.	Only required if specified in NOC.
SD 00X Effluent to Surface Water	Nitrogen, Kjeldahl, Total					Monitor only. calendar month average		milligrams per liter	As specified in NOC.	Grab	As specified in NOC.	
SD 00X Effluent to Surface Water	Nitrogen, Total (as N)					Monitor only. calendar month average		milligrams per liter	As specified in NOC.	Calculation	As specified in NOC.	
SD 00X Effluent to Surface Water	Oxygen, Dissolved				Monitor only. calendar month minimum			milligrams per liter	twice per week	Grab	Jan-Dec	
SD 00X Effluent to Surface Water	pH				6.0 calendar month minimum		9.0 calendar month maximum	standard units	twice per week	Grab	Jan-Dec	
SD 00X Effluent to Surface Water	Phosphorus, Total (as P)	As specified in NOC. calendar month average		kilograms per day		As specified in NOC. calendar month average		milligrams per liter	twice per week	Grab	Jan-Dec	Limits as specified in NOC.
SD 00X Effluent to Surface Water	Phosphorus, Total (as P)		As specified in NOC. calendar year to date total	kilograms per year					once per month	Calculation	Jan-Dec	Limits as specified in NOC.

Subject item	Parameter	Discharge limitations						Monitoring requirements				Notes
		Quantity /Loading avg.	Quantity /Loading max.	Quantity /Loading units	Quality /Conc. min.	Quality /Conc. avg.	Quality /Conc. max.	Quality/ Conc. units	Frequency	Sample type	Effective period	
SD 00X Effluent to Surface Water	Potassium, Total (as K)						Monitor only. calendar month maximum	milligrams per liter	once per half year	Grab	Jan-Dec	Only required if specified in NOC.
SD 00X Effluent to Surface Water	Sodium, Total (as Na)						Monitor only. calendar month maximum	milligrams per liter	once per half year	Grab	Jan-Dec	Only required if specified in NOC.
SD 00X Effluent to Surface Water	Solids, Total Dissolved (TDS)						Monitor only. calendar month maximum	milligrams per liter	once per half year	Grab	Jan-Dec	Only required if specified in NOC.
SD 00X Effluent to Surface Water	Solids, Total Suspended (TSS)	XXXX calendar month average	XXXX maximum calendar week average	kilograms per day		45 calendar month average	65 maximum calendar week average	milligrams per liter	twice per week	Grab	Jan-Dec	
SD 00X Effluent to Surface Water	Solids, Total Suspended (TSS), grab (Mercury)					As specified in NOC. calendar month average	As specified in NOC. daily maximum	milligrams per liter	As specified in NOC.	Grab	Jan-Dec	Only required if specified in NOC.
SD 00X Effluent to Surface Water	Specific Conductance						Monitor only. calendar month maximum	micromhos per cm	once per half year	Grab	Jan-Dec	Only required if specified in NOC.
SD 00X Effluent to Surface Water	Sulfate, Total (as SO4)						Monitor only. calendar month maximum	milligrams per liter	once per half year	Grab	Jan-Dec	Only required if specified in NOC.
WS 00X Influent	BOD, Carbonaceous 05 Day (20 Deg C)					Monitor only. calendar quarter average		milligrams per liter	once per quarter	4-Hour Flow Composite	Mar, Jun, Sep, Dec	
WS 00X Influent	Flow		Monitor only. calendar month total	million gallons		Monitor only. calendar month average	Monitor only. calendar month maximum	million gallons per day	once per day	Measurement, Continuous	Jan-Dec	

Subject item	Parameter	Discharge limitations						Monitoring requirements				Notes
		Quantity /Loading avg.	Quantity /Loading max.	Quantity /Loading units	Quality /Conc. min.	Quality /Conc. avg.	Quality /Conc. max.	Quality/ Conc. units	Frequency	Sample type	Effective period	
WS 00X Influent	Mercury, Dissolved (as Hg)					Monitor only. calendar month average		nanograms per liter	twice per half year	Grab	Jan-Dec	Only required if specified in NOC.
WS 00X Influent	Mercury, Total (as Hg)					Monitor only. calendar month average	Monitor only. daily maximum	nanograms per liter	twice per half year	Grab	Jan-Dec	Only required if specified in NOC.
WS 00X Influent	Nitrite Plus Nitrate, Total (as N)					Monitor only. As specified in NOC.		milligrams per liter	As specified in NOC.	4-Hour Flow Composite	As specified in NOC.	
WS 00X Influent	Nitrogen, Kjeldahl, Total					Monitor only. As specified in NOC.		milligrams per liter	As specified in NOC.	4-Hour Flow Composite	As specified in NOC.	
WS 00X Influent	Nitrogen, Total (as N)					Monitor only. As specified in NOC.		milligrams per liter	As specified in NOC.	Calculation	As specified in NOC.	
WS 00X Influent	pH						Monitor only. calendar quarter maximum	standard units	once per quarter	Grab	Mar, Jun, Sep, Dec	
WS 00X Influent	Phosphorus, Total (as P)					Monitor only. calendar quarter average		milligrams per liter	once per quarter	4-Hour Flow Composite	Mar, Jun, Sep, Dec	
WS 00X Influent	Precipitation		Monitor only. calendar month total	inches					once per day	Measurement	Jan-Dec	
WS 00X Influent	Solids, Total Suspended (TSS)					Monitor only. calendar quarter average		milligrams per liter	once per quarter	4-Hour Flow Composite	Mar, Jun, Sep, Dec	
WS 00X Influent	Solids, Total Suspended (TSS), grab (Mercury)					Monitor only. calendar month average		milligrams per liter	twice per half year	Grab	Jan-Dec	Only required if specified in NOC.