



Stormwater Facility Dredge Project

Supplement to NPDES Construction Stormwater Permit Application

Doc Type: Permit Application

Instructions

This Stormwater Facility Dredge Report Supplement form is required to be submitted with a National Pollutant Discharge Elimination System (NPDES)/State Disposal System (SDS) Construction Stormwater (CSW) Permit Application only when the dredge sediment sample results exceed Management Level 1 levels and the estimated dredge volume exceeds 3,000 cubic yards.

Facility Information

- 1. Stormwater facility owner and/or operator (Contact information for public entity, city, or business firm legally responsible for facility operation [see Minn. R. 7001.0050].)

Contact name: Contact phone number:

Mailing address:

City: State: Zip code: Type of ownership: Public Private

- 2. Stormwater facility location (No Post Office Boxes allowed. Actual physical location of facility - must use actual street or highway address or section/township/range coordinates.)

Project name: Phone:

Location address:

Facility is located in the quarter of the quarter of section

township: of county. Range # East West

City: State: Zip code:

Is the facility located on tribal land? Yes No If yes, apply to U.S. Environmental Protection Agency (EPA) Region V, John Coletti (312-886-6106)

- 3. Technical agent or consulting engineer

Name of firm or organization: Phone number:

Contact name: Title:

Mailing address:

City: State: Zip code:

Basic Information

- 4. Description of project

a. Attach a detailed textual description of the proposed dredging project, including a description of how the dredged material is to be managed in both the short- and long-term. (Label 4A)

b. Name(s) and type of each facility to be dredged (outfall to lake, river, wetland, or constructed stormwater facility):

Facility 1: Location: Type:

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- c. Estimated volume of material to be dredged: _____ yd³ (total).
- d. Method or equipment used:
 - Hydraulic dredge: pumping rate: _____ gpm; _____ # of hours of operation/day.
 - Mechanical dredge by: backhoe dragline clamshell
 - Other (describe): _____
- e. Attach a detailed map(s) (**Label 4E**) depicting the following, as applicable to the project: the dredging site(s); the dredged material disposal site(s)/treatment system(s); any discharge point(s); storm sewer outlets (indicating if dewatering discharge will be routed to a storm sewer or to a surface water; land application site(s); the receiving water(s); and/or known drinking water supplies. This map should be based on a 7.5-minute U.S. Geological Survey quadrangle, a GIS map, or County Plat location map.

5. Other permits required. (See *Dredge Materials Manual* for more information)

- a. Is the project site now covered by an MPCA stormwater NPDES/SDS permit? Yes No
If yes, indicate the permit number, or date applied for: _____
 - b. Does this project require a federal permit for dredging or filling activity? Yes No
If yes, indicate permit number or date applied for, and the name(s) of the U.S. Army Corps of Engineers (USCOE) staff person(s) involved in the issuance of this permit. Attach a copy of the permit or permit application (**5B**).
Permit number or date applied for: _____ Staff name: _____
 - c. Does this project require a DNR permit for work in the bed of public waters? Yes No
If yes, indicate permit number or date applied for, and the name(s) of the Minnesota Department of Natural Resources (MDNR) staff person(s) involved in the issuance of this permit. Attach a copy of the permit or permit application (**5C**).
Permit number or date applied for: _____ Staff name: _____
 - d. Does this project require a state permit for the appropriation of water? Yes No
If yes, indicate permit number or date applied for, and the name(s) of the MDNR staff person(s) involved in the issuance of this permit. Attach a copy of the permit or permit application (**5D**).
Permit number or date applied for: _____ Staff name: _____
 - e. Does this project require an Environmental Assessment to be completed? Yes No
If yes, attach a copy of the completed Environmental Assessment Worksheet (**5E**).
- 6. Does this project involve hydraulic dredging?** Yes No
- 7. Does this project involve the discharge of water from the project site to something other than a stormwater treatment system?** Yes No

Dredged Material Characterization

- 8. Will 93 percent of dredged material be retained on a #200 sieve?** Yes No
If yes, attach the results from the required number of representative sediment samples using ASTM Method D-422 or the less costly methods: ASTM D-117 or ASTM D-1140. Report the results for each of the discrete sample locations as a mass percentage of retained sediments (**8A**). If yes, additional analysis is not required; skip to the 'Dredged Material Management' section of this attachment. If no, additional laboratory analysis is required; continue completing this section.
- 9. Physical description of material to be dredged** (for example, sand, silt, clay, high organic matter content):

- 10. Baseline Analytes.** Dredged material not excluded from additional laboratory analysis, as determined using the grain size analysis described above, must be analyzed for the baseline analytes indicated in the guidance for the modified MS4 approach. Complete a data summary with analytical results from each sample that is representative of the dredged material; attach lab sheets for all analytical data (**10A**). The sampling date(s), location(s) and method(s) must be included with all of the analysis results.
- 11. Additional Analytes.** Using the MPCA guidelines and factors described in the MPCA document *Managing Dredged Materials in the State of Minnesota*, complete a risk assessment for the dredge project site and determine the reasonable potential of pollutants to be present in sediment to be dredged. Dredged material must be analyzed for the additional analytes, as appropriate, based on a risk assessment and the 'reasonable potential' for a pollutant to be present in the dredged material.

Attach analytical results from a sample that is representative of the dredged material; attach lab sheets for all analytical data (11A). The sampling date(s), location(s) and method(s) must be included with all of the analysis results. Indicate additional analytes which must be sampled here:

12. Indicate the name of the laboratory that analyzes your sediment samples:

13. Indicate the MN Department of Health (MDH) Laboratory Certification No. for this laboratory:

14. **Management Level.** The management tier for dredged material is used to determine the appropriate management method(s) for dredged material from a given project, or subset of dredged material from a project. The management level for dredged material is based on the analyzed characteristics of the dredged material in comparison to Soil Reference Values (SRVs) for those analytes.

Using the Modified Characterization for Stormwater Ponds in the MPCA document "Managing Dredged Materials in the State of Minnesota", determine the applicable management level for the dredged material. If the dredged material is proposed to be managed in subsets (based on applicable management level), indicate all applicable levels, and the approximate volume proposed to be managed within each level.

Facility 1: _____	Facility 2: _____	Facility 3: _____	Facility 4: _____
<input type="checkbox"/> Level 1, _____ yd ³	<input type="checkbox"/> Level 1, _____ yd ³	<input type="checkbox"/> Level 1, _____ yd ³	<input type="checkbox"/> Level 1, _____ yd ³
<input type="checkbox"/> Level 2, _____ yd ³	<input type="checkbox"/> Level 2, _____ yd ³	<input type="checkbox"/> Level 2, _____ yd ³	<input type="checkbox"/> Level 2, _____ yd ³
<input type="checkbox"/> Level 3, _____ yd ³	<input type="checkbox"/> Level 3, _____ yd ³	<input type="checkbox"/> Level 3, _____ yd ³	<input type="checkbox"/> Level 3, _____ yd ³

Dredged Material Management

15. **Indicate how dredged material is proposed to be managed (check all that apply).** If the dredged material is proposed to be managed in subsets (based on applicable management tier or another factor), indicate all applicable management method(s), and the approximate volume proposed to be managed by each method.

Management Methods

- Short-term storage at a placement site** (storage for less than or equal to one year)
- Off-site, _____ yd³
- On-site, _____ yd³
- Site name or ID#: _____ Location city: _____
- Public Land Survey (PLS) coordinates: T _____ N, R _____ W, Section _____
- Placement site is owned by: _____
- Placement site is operated by: _____
- Reuse of dredged material**
- Off-site, _____ yd³
- On-site, _____ yd³
- Location city: _____
- Placement site is owned/operated by: _____
- Placement site is operated by: _____
- Description of proposed reuse project(s): _____
- Disposal in a permitted, lined facility**
- Off-site, _____ yd³
- On-site, _____ yd³
- Site name, ID#, or permit #: _____ Location city: _____
- Public Land Survey (PLS) coordinates: T _____ N, R _____ W, Section _____
- Placement site is owned by: _____
- Placement site is operated by: _____

Attachment checklist (Check all that are attached.)

- Question (4A): Textual description of proposed dredging project.
- Question (4E): Detailed map: 7.5-minute U.S. Geological Survey quadrangle, County Soil Survey, or County Plat location map.
- Question (5B): Copy of U.S. Army Corps of Engineers (USACE) Permit or permit application for dredging or filling activity.
- Question (5C): Copy of MDNR Permit or permit application for work in bed of public waters.
- Question (5D): Copy of MDNR Permit or permit application for water appropriation.
- Question (5E): Copy of completed Environmental Assessment Worksheet (EAW).
- Question (8A): Test results for grain size analysis.
- Question (10A): Test results for baseline analytes.
- Question (11A): Test results for additional analytes.
- Summary spreadsheet email to MPCA: ms4permit@pca.state.mn.us

Certification

Federal regulations (Section 309(c)(2) of the Clean Water Act and State regulations (Minn. R. 7001.0070) require the authorized signer to be one of the following:

- A. For corporation, a principal executive officer of at least the level of vice president;
- B. For a partnership or sole proprietorship, a general partner or the proprietor, respectively; or
- C. For a municipality, State, Federal, or other public facility, either a principal executive officer or ranking executive official.
- D. If the operator of the stormwater facility is different than the owner, both the operator and the owner according to items A to C.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person, or persons, who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Printed name: _____ Title: _____

Authorized signature: _____ Date: _____

Please mail completed notification as an attachment to an application for a General Stormwater Permit for construction activity (MN R 100001):

Minnesota Pollution Control Agency
Construction Stormwater Permit Program, SP-5
520 Lafayette Road North
St. Paul, Minnesota 55155-4194