



**Minnesota Pollution
Control Agency**

520 Lafayette Road
St. Paul, MN 55155-4194

Environmental Information Worksheet (EIW) Form

Clean Water State Revolving Fund
Minnesota Rule Chapter 7077.0272, subp. 2.a.F.
Minnesota Rule Chapter 7077.0277, subp. 3.E.

Doc Type: Environmental Information Worksheet

Eligible applicants seeking funds for clean water (stormwater and wastewater) projects through the Clean Water State Revolving Fund (commonly referred to as the CWSRF Program) are required by Minn. R. ch. 7077.0272, subp. 2.a. F. and Minn. R. ch. 7077.0277, subp. 3.E., to complete an Environmental Information Worksheet (EIW). This information will be used to assess environmental impacts, if any, caused by the project.

For assistance with this worksheet, please visit the Minnesota Pollution Control Agency's website at <http://www.pca.state.mn.us/publications/p-ear1-02.pdf> for detailed instructions on completing this form.

1. **Project title:** _____
2. **Proposer:** _____
Contact person: _____
Title: _____
Address: _____

Phone: _____
Fax: _____
3. **Project location:** County: _____ City/Twp: _____
_____ 1/4 _____ 1/4 Section: _____ Township: _____ Range: _____

Tables, Figures, and Appendices attached to the EIW:

- County map showing the general location of the project;
- United States Geological Survey 7.5 minute, 1:24,000 scale map indicating project boundaries (photocopy acceptable);
- Site plan showing all significant project and natural features.

4. Description:

- a. Provide a project summary of 50 words or less.
- b. Give a complete description of the proposed project and related new construction. Attach additional sheets as necessary. Emphasize construction, operation methods and features that will cause physical manipulation of the environment or will produce wastes. Include modifications to existing equipment or industrial processes and significant demolition, removal or remodeling of existing structures. Indicate the timing and duration of construction activities.

- c. Explain the project purpose; if the project will be carried out by a governmental unit, explain the need for the project and identify its beneficiaries.
- d. Are future stages of this development including development on any outlots planned or likely to happen? ☐ Yes ☐ No
If yes, briefly describe future stages, relationship to present project, timeline and plans for environmental review.
- e. Is this project a subsequent stage of an earlier project? ☐ Yes ☐ No
If yes, briefly describe the past development, timeline and any past environmental review.

5. Project magnitude data

Total Project Area (acres) _____ or Length (miles) _____
 Number of Residential Units: Unattached _____ Attached _____ maximum units per building _____
 Commercial/Industrial/Institutional Building Area (gross floor space): total square feet _____
 Indicate area of specific uses (in square feet): _____

Office	_____	Manufacturing	_____
Retail	_____	Other Industrial	_____
Warehouse	_____	Institutional	_____
Light Industrial	_____	Agricultural	_____
Other Commercial (specify)	_____		
Building height	_____	If over 2 stories, compare to heights of nearby buildings _____	

6. **Permits and approvals required.** List all known local, state and federal permits, approvals and financial assistance for the project. Include modifications of any existing permits, governmental review of plans, and all direct and indirect forms of public financial assistance including bond guarantees, Tax Increment Financing and infrastructure.

Unit of government	Type of application	Status

7. **Land use.** Describe current and recent past land use and development on the site and on adjacent lands. Discuss project compatibility with adjacent and nearby land uses. Indicate whether any potential conflicts involve environmental matters. Identify any potential environmental hazards due to past site uses, such as soil contamination or abandoned storage tanks, or proximity to nearby hazardous liquid or gas pipelines.

8. **Cover types.** Estimate the acreage of the site with each of the following cover types before and after development:

	Before	After		Before	After
Types 1-8 wetlands	_____	_____	Lawn/landscaping	_____	_____
Wooded/forest	_____	_____	Impervious Surfaces	_____	_____
Brush/grassland	_____	_____	Other (describe)	_____	_____
Cropland	_____	_____			
			Total	_____	_____

9. Fish, wildlife, and ecologically sensitive resources.

- a. Identify fish and wildlife resources and habitats on or near the site and describe how they would be affected by the project. Describe any measures to be taken to minimize or avoid impacts.
- b. Are any state (endangered or threatened) species, rare plant communities or other sensitive ecological resources such as native prairie habitat, colonial waterbird nesting colonies or regionally rare plant communities on or near the site? ☐ Yes ☐ No
If yes, describe the resource and how it would be affected by the project. Indicate if a site survey of the resources has been conducted and describe the results. If the Minnesota Department of Natural Resources (DNR) Natural Heritage and Nongame Research program has been contacted give the correspondence reference number: _____
Describe measures to minimize or avoid adverse impacts.

10. Physical impacts on water resources. Will the project involve the physical or hydrologic alteration (dredging, filling, stream diversion, outfall structure, diking, and impoundment) of any surface waters such as a lake, pond, wetland, stream or drainage ditch? ☐ Yes ☐ No
If yes, identify water resource affected. Describe alternatives considered and proposed mitigation measures to minimize impacts. Give the DNR Protected Waters Inventory (PWI) number(s) if the water resources affected are on the PWI.

11. Water use. Will the project involve installation or abandonment of any water wells, connection to or changes in any public water supply or appropriation of any ground or surface water (including dewatering)? ☐ Yes ☐ No
If yes, as applicable, give location and purpose of any new wells; public supply affected, changes to be made, and water quantities to be used; the source, duration, quantity and purpose of any appropriations; and unique well numbers and DNR appropriation permit numbers, if known. Identify any existing and new wells on the site map. If there are no wells known on site, explain methodology used to determine.

12. Water-related land use management districts. Does any part of the project involve a shoreland zoning district, a delineated 100-year flood plain, or a state or federally designated wild or scenic river land use district? ☐ Yes ☐ No
If yes, identify the district and discuss project compatibility with district land use restrictions.

13. Water surface use. Will the project change the number or type of watercraft on any water body? ☐ Yes ☐ No
If yes, indicate the current and projected watercraft usage and discuss any potential overcrowding or conflicts with other uses.

14. Erosion and sedimentation. Give the acreage to be graded or excavated and the cubic yards of soil to be moved: _____ Acres: _____ cubic yards. Describe any steep slopes or highly erodible soils and identify them on the site map. Describe any erosion and sedimentation control measures to be used during and after project construction.

15. Water quality – surface-water runoff.

- a. Compare the quantity and quality of site runoff before and after the project. Describe permanent controls to manage or treat runoff. Describe any storm water pollution prevention plans.

- b. Identify routes and receiving water bodies for runoff from the site; include major downstream water bodies as well as the immediate receiving waters. Estimate impact runoff on the quality of receiving waters.

16. Water quality – wastewater.

- a. Describe sources, composition and quantities of all sanitary, municipal and industrial wastewater produced or treated at the site.
- b. Describe waste treatment methods or pollution prevention efforts and give estimates of composition after treatment. Identify receiving waters, including major downstream water bodies, and estimate the discharge impact on the quality of receiving waters. If the project involves on-site sewage systems, discuss the suitability of site conditions for such systems.
- c. If wastes will be discharged into a publicly owned treatment facility, identify the facility, describe any pretreatment provisions and discuss the facility's ability to handle the volume and composition of wastes, identifying any improvements necessary.
- d. If the project requires disposal of liquid animal manure, describe disposal technique and location and discuss capacity to handle the volume and composition of manure. Identify any improvements necessary. Describe any required setbacks for land disposal systems.

17. Geologic hazards and soil conditions.

- a. Approximate depth (in feet) to Groundwater _____ minimum; _____ average.
Bedrock: _____ minimum; _____ average.

Describe any of the following geologic site hazards to groundwater and also identify them on the site map: sinkholes, shallow limestone formations or karst conditions. Describe measures to avoid or minimize environmental problems due to any of these hazards.

- b. Describe the soils on the site, giving U.S. Soil Conservation Service (SCS) classifications, if known. Discuss soil granularity and potential for groundwater contamination from wastes or chemicals spread or spilled onto the soils. Discuss any mitigation measures to prevent such contamination.

18. Solid wastes, hazardous wastes, storage tanks.

- a. Describe types, amounts and compositions of solid or hazardous wastes, including solid animal manure, sludge and ash, produced during construction and operation. Identify method and location of disposal. For projects generating municipal solid waste, indicate if there is a source separation plan; describe how the project will be modified for recycling. If hazardous waste is generated, indicate if there is a hazardous waste minimization plan and routine hazardous waste reduction assessments.
- b. Identify any toxic or hazardous materials to be used or present at the site and identify measures to be used to prevent them from contaminating groundwater. If the use of toxic or hazardous materials will lead to a regulated waste, discharge or emission, discuss any alternatives considered to minimize or eliminate the waste, discharge or emission.
- c. Indicate the number, location, size and use of any above or below ground tanks to store petroleum products or other materials, except water. Describe any emergency response containment plans.

19. **Traffic.** Parking spaces added: _____ Existing spaces (if project involves expansion): _____
 Estimated total average daily traffic generated: _____ Estimated maximum peak hour traffic
 generated (if known) and its timing: _____ Provide an estimate of the impact on traffic
 congestion affected roads and describe any traffic improvements necessary. If the project is within the Twin Cities metropolitan
 area, discuss its impact on the regional transportation system.
20. **Vehicle-related air emissions.** Estimate the effect of the project's traffic generation on air quality, including carbon monoxide
 levels. Discuss the effect of traffic improvements or other mitigation measures on air quality impacts. Note: If the project
 involves 500 or more parking spaces, consult *Environmental Assessment Worksheet (EAW) Guidelines* about whether a
 detailed air quality analysis is needed.
21. **Stationary source air emissions.** Describe the type, sources, quantities and compositions of any emissions from stationary
 sources of air emissions such as boilers, exhaust stacks or fugitive dust sources. Include any hazardous air pollutants (consult
EAW Guidelines for a listing), any greenhouse gases (such as carbon dioxide, methane, and nitrous oxides), and ozone-
 depleting chemicals (chlorofluorocarbons, hydrofluorocarbons, perfluorocarbons or sulfur hexafluoride). Also describe any
 proposed pollution prevention techniques and proposed air pollution control devices. Describe the impacts on air quality.
22. **Odors, noise, and dust.** Will the project generate odors, noise or dust during construction or during operation? ☐ Yes ☐
 No
 If yes, describe sources, characteristics, duration, quantities or intensity and any proposed measures to mitigate adverse
 impacts. Also identify locations of nearby sensitive receptors and estimate impacts on them. Discuss potential impacts on
 human health or quality of life. (Note: fugitive dust generated by operations may be discussed at item 23 instead of here.)
23. **Nearby resources.** Are any of the following resources on or in proximity to the site? Projects should search the State Historic
 Preservation Office's (SHPO) National Register of Historic Places database by calling 651-259-3453.
***Note:** Project proposers must contact the SHPO at Thomas.cinadr@mnhs.org or 651-259-3453 to request a
 database review to obtain information on any known historical or archaeological sites in the project area.
 Include a copy of correspondence with SHPO with the submittal of this EIW form.
- a. Archaeological, historical, or architectural resources? ☐ Yes ☐ No
 - b. Prime or unique farmlands or land within an agricultural preserve? ☐ Yes ☐ No
 - c. Designated parks, recreation areas, or trails? ☐ Yes ☐ No
 - d. Scenic views and vistas? ☐ Yes ☐ No
 - e. Other unique resources? ☐ Yes ☐ No
- If yes, describe the resource and identify any project-related impacts on the resources. Describe any measures to minimize or
 avoid adverse impacts.
24. **Visual impacts.** Will the project create adverse visual impacts during construction or operation? Such as glare from intense
 lights, lights visible in wilderness areas and large visible plumes from cooling towers or exhaust stacks? ☐ Yes ☐ No
 If yes, explain.
25. **Compatibility with plans and land use regulations.** Is the project subject to an adopted local comprehensive plan, land use
 plan or regulation, or other applicable land use, water, or resource management plan of a local, regional, state or federal
 agency? ☐ Yes ☐ No
 If yes, describe the plan, discuss its compatibility with the project and explain how any conflicts will be resolved. If no, explain.

- 26. Impact on infrastructure and public services.** Will new or expanded utilities, roads, other infrastructure or public services be required to serve the project? ☐ Yes ☐ No
- If yes, describe the new or additional infrastructure or services needed. (Note: any infrastructure that is a connected action with respect to the project must be assessed in the EAW; see *EAW Guidelines* for details.)
- 27. Cumulative impacts.** Minn. R. 4410.1700, subp. 7, item B requires that the RGU consider the “cumulative potential effects of related or anticipated future projects” when determining the need for an environmental impact statement. Identify any past, present or reasonably foreseeable future projects that may interact with the project described in this EAW in such a way as to cause cumulative impacts. Describe the nature of the cumulative impacts and summarize any other available information relevant to determining whether there is potential for significant environmental effects due to cumulative impacts (or discuss each cumulative impact under appropriate item(s) elsewhere on this form).
- 28. Other potential environmental impacts.** If the project may cause any adverse environmental impacts not addressed by items 1 to 28, identify and discuss them here, along with any proposed mitigation.
- 29. Summary of issues.** List any impacts and issues identified above that may require further investigation before the project is begun. Discuss any alternatives or mitigative measures that have been or may be considered for these impacts and issues, including those that have been or may be ordered as permit conditions.