

(Attach additional sheets if necessary)

Provide a brief narrative that describes:

- Current drinking water system needs.
- Project alternatives not selected and their potential environmental impacts.

Give a description of the proposed project and auxiliary facilities.

Indicate construction methods, timing, and duration which might temporarily impact the environment.

Project Location

County _____ City/Township _____

The ___ ¼ of the ___ ¼ of Section _____ Range _____

Attach copies of each of the following:

- U.S. Geological Survey 7.5 minute, 1:24,000 scale map or equivalent (photocopy is acceptable), indicating the project boundaries.
- Site plan showing all significant project and natural features; and
- If needed for clarification, a county map showing the general location of the project.

Project Magnitude Data

Total project area (acres) _____ and/or length (feet or miles) _____

and/or total square feet _____

Permits and Approvals Required

Unit of Government	Type of Application	Status

Land Use

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

Cover Types

Estimate the acreage of the site with each of the following cover types before and after development (before and after totals should be equal):

Cover Types

Cover Type	Before	After
Type 1 to 8 Wetlands		
Wooded/Forest		
Brush/Grassland		
Crop Land		
Lawn/Landscaping		
Impervious Surface		
Other (describe) _____		

Important Farmland

Will the project convert farmland? ☐ Yes ☐ No

If yes, is the land considered prime or important farmland? For more information, visit [USDA's Web Soil Survey \(https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm\)](https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm) page.

If the land is considered prime or important, an [AD 1006 Form \(PDF\) \(https://www.nrcs.usda.gov/sites/default/files/2022-06/AD1006.pdf\)](https://www.nrcs.usda.gov/sites/default/files/2022-06/AD1006.pdf) should be submitted to NRCS. What is the total rating found in form AD 1006 (PDF)? For more information, contact your [regional soil scientist \(https://www.nrcs.usda.gov/contact/find-a-service-center\)](https://www.nrcs.usda.gov/contact/find-a-service-center).

Wetlands

Are there any wetlands identified in the [National Wetlands Inventory](https://www.fws.gov/program/national-wetlands-inventory) (<https://www.fws.gov/program/national-wetlands-inventory>) maps on any areas where the project activities (except for underground utilities) would take place?

☐ Yes ☐ No

If yes, has a wetland delineation or determination been made by a certified wetland delineator or the local government unit (LGU)?

Are there any hydric soils identified where construction activity (except for underground utilities) would take place?

☐ Yes ☐ No

Visit [USDA's Web Soil Survey](https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm) (<https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>) website for more information. Include maps with project site and delineation if available, to document the answers above.

Federal Fish, Wildlife and Ecologically Sensitive Resources

List all the **federal** threatened and endangered species as well as their respective habitat on or near the project's area. Information about listed species can be found on [IPAC search tool and determination key \(https://ipac.ecosphere.fws.gov/\)](https://ipac.ecosphere.fws.gov/). Attach a copy of the determination key results, generated by the system. If the reports indicate that further review is required, complete the additional review, and attach a copy of that as well.

Cross reference habitat information from species list to project site. Are there any federally listed endangered, threatened, protected, proposed or candidate species potentially affected by the project?

☐ Yes ☐ No

If yes, describe measures to be taken to minimize or avoid adverse impacts.

ENVIRONMENTAL INFORMATION WORKSHEET

List all the federal migratory birds including eagles on or near the project's site. Information about listed species can be found by using [IPaC tool](https://ipac.ecosphere.fws.gov/location/index) (<https://ipac.ecosphere.fws.gov/location/index>).

Are there any federally migratory birds or eagles potentially affected by the project?

☐ Yes ☐ No

If yes, describe measures to be taken to minimize or avoid adverse impacts.

State Fish, Wildlife and Ecologically Sensitive Resources

Are there any state listed endangered, threatened or special-concern species; rare plant communities or other sensitive ecological resource such as native prairie habitat, colonial waterbird nesting colonies, regionally rare plant communities, etc. on or near the project's site? This information can be accessed using [Natural Heritage Information System \(NHIS\)](https://mce.dnr.state.mn.us/natural-heritage-review) (<https://mce.dnr.state.mn.us/natural-heritage-review>). Attach copies of the reports generated by the system. If the reports indicate that further review is required, complete the additional review, and attach a copy of that as well.

ENVIRONMENTAL INFORMATION WORKSHEET

Will any of the state listed endangered, threatened or special-concern species; rare plant communities or other sensitive ecological resource such as native prairie habitat, colonial waterbird nesting colonies or regionally rare plant communities, etc. affected by the project? If yes, describe the resource and how it would be affected by the project. Indicate if a site survey of the resources was conducted and describe the results. Describe measure to be taken to minimize or avoid adverse impacts.

Coastal Zone Management

For new public facility projects, will any project activity effect the ecological, historic, aesthetic values with the [Lake Superior Coastal Boundary \(PDF\)](https://files.dnr.state.mn.us/waters/lakesuperior/feis/figures/fig5.pdf) (<https://files.dnr.state.mn.us/waters/lakesuperior/feis/figures/fig5.pdf>)?

☐ Yes ☐ No

If yes, please provide appropriate maps and document.

If there are potential adverse effects from the project, what mitigation measures have been agreed upon to remain consistent with Coastal Zone Management (CZM) Plan, Federal Consistency determination 15 CFR part 930?

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 water (lake, pond, wetland, stream, drainage ditch)?

☐ Yes ☐ No

If yes, identify the water resources affected and provide the Minnesota Department of Natural Resources (DNR) Protected Waters Inventory (PWI) number(s) if the water resources affected are listed on the PWI: _____. Describe the alternatives considered and the proposed mitigation measures to minimize impacts.

Water Use

Will the project involve the installation or abandonment of any wells?

☐ Yes ☐ No

Will the project require an appropriation of ground or surface water (including dewatering)?

☐ Yes ☐ No

If yes, indicate the source, quantity, duration, purpose of the appropriation, and the DNR water appropriation permit number of any existing appropriation. Discuss the impact of the appropriation on groundwater levels.

Water-related Land Use Management Districts

Does any part of the project site 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 the compatibility of the project with the district land use regulations.

Sole Source Aquifer – Mille Lacs

Will the project occur in the Mille Lacs Area Sole Source Aquifer? For more information, visit [EPA's Sole Source Aquifer \(https://www.epa.gov/dwssa\)](https://www.epa.gov/dwssa) website.

☐ Yes ☐ No

If yes, will the project affect the ground and drinking water in the sole source area?

If so, include map and other documentation of consultation with US EPA Region 5 representative.

Erosion and Sedimentation

Give the acreage to be graded or excavated and 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 the erosion and sedimentation measures to be used during and after construction.

Water Quality – Surface Water Runoff

Compare the quantity and quality of site runoff before and after the project. Describe methods to be used to manage or treat runoff. Describe any stormwater pollution prevention plans.

Identify route(s) and receiving water bodies for runoff from the site. Estimate the impact of runoff on the quality of receiving waters.

Water Quality – Wastewaters

Describe sources, quantities and composition (except for normal domestic sewage) of all sanitary and industrial wastewaters produced or treated at the site.

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 the receiving waters. If the project involves on-site sewage systems, discuss the suitability of site condition.

If wastes will be discharged into a publicly owned treatment facility, assess its ability to handle the volume and composition of the wastes. Identify any improvements necessary.

ENVIRONMENTAL INFORMATION WORKSHEET

Geological Hazards and Soil Conditions

Approximate depth (in feet) to:

	Minimum	Average
Groundwater		
Bedrock		

Describe any of the following geological site hazards to groundwater and identify them on the site map: sinkholes, shallow limestone formations or karst conditions. Additionally, describe measures to avoid or minimize environmental problems associated with these hazards.

Describe the soils on the site, giving Soil Conservation Service classifications, if known. Discuss soil granularity and potential for groundwater contamination from wastes or chemicals spilled on the soils. Discuss mitigation measures to prevent contamination.

Solid Wastes; Hazardous Wastes; Storage Tanks

Will the project be located on a site which might have previously contained soil contamination, abandoned storage tanks, proximity to nearby hazardous liquid, gas pipelines, landfills, gas chlorine or other treatment chemicals, radon, asbestos, and vapors? Note: this will include new watermain installation in areas that were not previously served by a public water supply and may cross contaminated soils. For more information, use [EPA's NEPAAssist Tool \(https://www.epa.gov/nepa/nepassist\)](https://www.epa.gov/nepa/nepassist).

☐ Yes ☐ No

If yes, please describe mitigation methods.

Describe the types, amounts and composition of solid or hazardous wastes, including sludge and ash that is produced during the project. Identify method and location of disposal. For projects generating municipal solid waste, indicate if there will be a source separation plan. If hazardous waste is generated, indicate if there is a hazardous waste minimization plan and routine hazardous waste reduction assessments.

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.

ENVIRONMENTAL INFORMATION WORKSHEET

Indicate the number, location, size and use of any above or below ground tanks to store petroleum products or other materials (except water).

Stationary Source Air Emissions

Will the project involve any stationary sources of air emissions (such as boilers or exhaust stack)?

☐ Yes ☐ No

If yes, describe the sources, quantities and composition of the emissions; the proposed air pollution control devices; the quantities and composition of the emissions after treatment and the effects on air quality.

Odor, Noise and Dust

Will the project generate dust, odors or noise during construction and/or 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.

Cultural Resources

Are any of the following resources on or in proximity to the site?

Resource	Yes	No
Archaeological, historical or architectural resources		
Prime or unique farmlands or land within an agricultural preserve		
Designated parks, recreation areas or trails		
Scenic views and vistas		
Other unique resources		

As part of the environmental review process, any project requiring an environmental review must submit a solicitation letter (Word) addressed to the **State Historic Preservation Office (SHPO) along with the supporting documents**, to MDH.

Once received, MDH will review the submission. After confirming the submission is complete, MDH will forward the solicitation letter and the supporting documents to SHPO for their evaluation.

The SHPO solicitation letter and all supporting documentation must be completed and submitted to MDH before the Environmental review record submission.

If it is determined that any archaeological, historical or architectural resources will be impacted, an agreement must be reached between SHPO, MDH, and the project submitter before construction can start.

Compatibility with Plans

Is this 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.

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.

Related Developments; Cumulative Impacts

Are future stages of this development planned or likely? ☐ Yes ☐ No

If yes, briefly describe future stages, their timing and plans for environmental review.

Is this project a subsequent stage of an earlier project? ☐ Yes ☐ No

If yes, briefly describe the past development, its timing and any past environmental review.

Is this development anticipated on adjacent land? ☐ Yes ☐ No

If yes, briefly describe the development and its relationship to the present project.

Other Potential Environmental Impacts

If the project may cause any adverse environmental impacts not addressed in the items listed on this worksheet, identify and discuss them here, along with any proposed mitigation.

Summary of Issues

List any identified impacts or issues that may require further investigation before the project begins. Discuss any alternatives or mitigation measures that have been or may be considered to address these impacts, including any that have been or may be required as permit conditions.

Minnesota Department of Health
PO Box 64975
St. Paul, MN 55164-0975
651-201-4700
dwrfr.er.MDH@state.mn.us
www.health.state.mn.us

02/2025

To obtain this information in a different format, call: 651-201-4700.