

Appendix K

Geographic Information System (GIS) References

Category	Dataset	Source	Responsible Agency	Date
Cultural	National Register of Historic Places	https://www.nps.gov/subjects/nationalregister/data-downloads.htm	National Register of Historic Places	8/28/2024
Environmental	Agricultural Chemical Incidents	https://gisdata.mn.gov/dataset/env-agchem-incidents	MDA	9/24/2015
Environmental	Migratory Waterfowl Feeding and Resting Areas	https://gisdata.mn.gov/dataset/env-migratory-waterfowl-areas	MDNR	4/1/2025
Environmental	Mississippi River Corridor Critical Area (MRCCA) Boundary	https://gisdata.mn.gov/dataset/bdry-mrcca-boundary	MDNR	10/17/2018
Environmental	Mississippi River Corridor Critical Area (MRCCA) District Boundaries	https://gisdata.mn.gov/dataset/bdry-mississippi-r-critical-area	MDNR	10/17/2018
Environmental	Natural Heritage Information System Review (occurrences within 1 mile of Project area)	Merjent License Agreement 1066	MDNR	2/19/2025
Environmental	Native Plant Communities	https://gisdata.mn.gov/dataset/biota-dnr-native-plant-comm	MDNR	2/16/2026
Environmental	Native Prairies	https://gisdata.mn.gov/dataset/biota-dnr-native-prairies	MDNR	2/12/2026
Environmental	Terrestrial Invasive Species Observations	https://gisdata.mn.gov/dataset/env-invasive-terrestrial-obs	MDNR	2/16/2026
Environmental	Aquatic Invasive Species Observations	https://gisdata.mn.gov/dataset/env-invasive-aquatic-obs	MDNR	2/16/2026
Environmental	Regionally Significant Ecological Areas and Regional Ecological Corridors – MLCCS derived 2008	https://gisdata.mn.gov/dataset/env-mlccs-regional-corr-areas	MDNR	1/1/2024
Environmental	Central Region Regionally Ecological Significant Areas	https://gisdata.mn.gov/dataset/env-dnr-r3-resource-sig-areas	MDNR	1/1/2000
Environmental	Potentially Undisturbed Land (Virgin Sod) – FSA Common Land Unit Derived	https://gisdata.mn.gov/dataset/env-potentially-undisturbed-land	MDNR	9/11/2015
Environmental	MCBS Railroad Rights-of-Way Prairies	https://gisdata.mn.gov/dataset/biota-mcbs-railroad-prairies	MDNR	7/27/2017
Environmental	Calcareous Fens – Source Feature Points	https://gisdata.mn.gov/dataset/biota-nhis-calcareous-fens	MDNR	2/11/2026
Environmental	MCBS Sites of Biodiversity Significance	https://gisdata.mn.gov/dataset/biota-mcbs-sites-of-biodiversity	MDNR	2/12/2026
Environmental	Minnesota Pollution Control Agency (MPCA) What's in My Neighborhood Sites	https://gisdata.mn.gov/dataset/env-my-neighborhood	MPCA	3/1/2017
Environmental	U.S. Important Bird Areas	https://data-library.audubon.hub.arcgis.com/maps/087b591fd12d4dc482a4d9a3e2b60246/about	National Audubon Society	11/8/2025
Environmental	Agricultural Preserves, 2024	https://gisdata.mn.gov/dataset/us-mn-state-metc-agri-agricultural-preserves2024	Metropolitan Council	12/31/2024
Environmental	Organic Integrity Database - Farms	https://organic.ams.usda.gov/integrity/	USDA	Undated
Environmental	Ecological Class Systems	https://gisdata.mn.gov/dataset/geos-ecological-class-system	MDNR	1997-98
Environmental	Wildlife Action Network	https://gisdata.mn.gov/dataset/env-mnwap-wildlife-action-netwrk	MDNR	9/14/2015
Environmental	Rusty Patched Bumblebee High Potential Zone Model	https://www.arcgis.com/apps/mapviewer/index.html?webmap=2716d871f88042a2a56b8001a1flacae	USFWS	6/10/2026
Environmental	NLCD	https://www.mrlc.gov/data	USGS	1/1/2023
Hydrology	Minnesota Department of Health (MDH) Drinking Water Supply Water Management Areas	https://www.mrlc.gov/data	MDH	7/15/2019

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Hydrology	Wellhead Protection Areas	https://gisdata.mn.gov/dataset/water-wellhead-protection-areas	MDH	7/15/2019
Hydrology	Groundwater Management Areas, Minnesota	https://gisdata.mn.gov/dataset/bdry-groundwater-mgmt-areas	MDNR	4/1/2017
Hydrology	Groundwater Province	https://gisdata.mn.gov/dataset/geos-groundwater-provinces-mn	MDNR	8/24/2021
Hydrology	DNR Hydrography Dataset	https://gisdata.mn.gov/dataset/water-dnr-hydrography	MDNR	1/1/2026
Hydrology	Springs in Minnesota	https://gisdata.mn.gov/dataset/env-mn-springs-inventory	MDNR	1/28/2026
Hydrology	Water Access Sites	https://gisdata.mn.gov/dataset/struc-water-access-sites	MDNR	2/4/2026
Hydrology	Fishing Site	https://gisdata.mn.gov/dataset/struc-fishing-sites-in-minnesota	MDNR	7/31/2025
Hydrology	Listed Infested Waters	https://gisdata.mn.gov/dataset/env-listed-infested-waters	MDNR	5/1/2025
Hydrology	Designated Wildlife Lakes	https://gisdata.mn.gov/dataset/env-designated-wildlife-lakes	MDNR	12/8/2016
Hydrology	Wild Rice Lakes Identified by DNR Wildlife	https://gisdata.mn.gov/dataset/biota-wild-rice-lakes-dnr-wld	MDNR	1/17/2020
Hydrology	Designated Water Features – Wild, Scenic and Recreational Rivers	https://gisdata.mn.gov/dataset/water-wild-and-scenic-rec-rivers	MDNR	1/1/1997
Hydrology	DNR Hydrography – Trout Lake Designation	https://gisdata.mn.gov/dataset/env-trout-lake-designation	MDNR	11/5/2018
Hydrology	State Designated Trout Streams, Minnesota	https://gisdata.mn.gov/dataset/env-trout-stream-designations	MDNR	5/14/2020
Hydrology	County Well Index	https://cse.umn.edu/mgs/cwi	MDH	7/12/2022
Hydrology	Lakes of Biological Significance	https://gisdata.mn.gov/dataset/env-lakes-of-biological-signific	MDNR	1/1/2011
Hydrology	Public Waters (PW) Basins and Watercourse Delineations	https://gisdata.mn.gov/dataset/water-mn-public-waters	MDNR	2/12/2026
Hydrology	Buffer Protection Map, Minnesota	https://gisdata.mn.gov/dataset/env-buffer-protection-mn	MDNR	8/29/2019
Hydrology	National Wetland Inventory for Minnesota	https://gisdata.mn.gov/dataset/water-nat-wetlands-inv-2009-2014	MDNR	5/23/2019
Hydrology	Shallow Lakes Identified by DNR Wildlife	https://gisdata.mn.gov/dataset/water-shallow-lakes-id-by-wldlif	MDNR	2/13/2019
Hydrology	Wetland Banking Program Easements	https://gisdata.mn.gov/dataset/bdry-wetland-banking-easements	MDNR/BWSR	3/5/2024
Hydrology	Impaired Waterbodies, Minnesota, 2024	https://gisdata.mn.gov/lv/dataset/env-impaired-water-2024	MPCA	4/25/2024
Hydrology	Outstanding Resource Value Waters	https://gisdata.mn.gov/dataset/env-orv-waters	MPCA	8/18/2023
Hydrology	Nationwide Rivers Inventory	https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm	NPS	3/19/2025
Hydrology	U.S. Army Corps of Engineers (USACE) Reservoirs	https://geospatial-usace.opendata.arcgis.com/datasets/03e322d7e89b48a9b48e9c3f4bcdf29e_0/explode	USACE	4/2/2024
Hydrology	Watersheds	https://gisdata.mn.gov/dataset/geos-dnr-watersheds	MDNR	10/27/2023
Hydrology	Watershed Management District and Organizations	https://gisdata.mn.gov/dataset/bdry-watershed-mgmt-dist-orgs	MDNR	2/12/2020
Hydrology	U.S. Forest Service (USFS) National Wild and Scenic Rivers (Feature Layer)	https://data-usfs.hub.arcgis.com/datasets/national-wild-and-scenic-rivers-feature-layer/explode?location=33.001383%2C-95.075050%2C5.00	USFS	8/25/2022
Hydrology	FEMA Floodzones	https://hazards.fema.gov/femaportal/NFHL/searchResult/	FEMA	1/19/2026

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Hydrology	303d Listed Impaired Waters	https://www.epa.gov/waterdata/waters-geospatial-data-downloads#NationalGeospatialDatasets	EPA	1/17/2025
Managed Lands/Easements	Minnesota Board of Water and Soil Resources (BWSR) State Funding Conservation Easements (RIM Reserve)	https://gisdata.mn.gov/dataset/bdry-bwsr-rim-cons-easements	BWSR	11/19/2025
Managed Lands/Easements	Minnesota Department of Natural Resources (MDNR) Minnesota Native Prairie Bank	https://files.dnr.state.mn.us/destinations/snas/NPBstatemap.pdf / Email staff for updated file - prairie.protection@state.mn.us	MDNR	4/14/2025
Managed Lands/Easements	Publicly Accessible State Wildlife Management Areas	https://gisdata.mn.gov/dataset/bdry-dnr-wildlife-mgmt-areas-pub	MDNR	2/13/2026
Managed Lands/Easements	State Administered Lands – DNR Management Units, Minnesota	https://gisdata.mn.gov/dataset/bdry-dnr-managed-areas	MDNR	2/13/2026
Managed Lands/Easements	State Parks, Recreation Areas, and Waysides	https://gisdata.mn.gov/dataset/bdry-dnr-lrs-prk	MDNR	2/13/2026
Managed Lands/Easements	State Forestry Statutory Boundaries and Management Units	https://gisdata.mn.gov/dataset/bdry-state-forest	MDNR	2/13/2026
Managed Lands/Easements	Scientific and Natural Area Units	https://gisdata.mn.gov/dataset/bdry-scientific-and-nat-areas	MDNR	2/13/2026
Managed Lands/Easements	State Aquatic Management Area (AMA) Acquisitions	https://gisdata.mn.gov/dataset/plan-mndnr-fisheries-acquisition	MDNR	2/16/2026
Managed Lands/Easements	Forest Administrative Boundaries (Feature Layer)	https://www.arcgis.com/home/item.html?id=09e4c1162a4d4af3a84163cbc76108c4	USFS	8/29/2022
Managed Lands/Easements	USFWS National Realty Tracts	https://gis-fws.opendata.arcgis.com/datasets/fws::fws-national-realty-tracts-simplified/about	USFWS	1/26/2026
Managed Lands/Easements	Protected Areas Database of the U.S.	https://www.usgs.gov/programs/gap-analysis-project/science/pad-us-data-download	USGS	3/1/2025
Managed Lands/Easements	DNR State Lands of Interest	https://gisdata.mn.gov/dataset/plan-stateland-dnr	MDNR	2/12/2026
Managed Lands/Easements	NRCS Conservation Easement	https://www.arcgis.com/home/item.html?id=21ef2c1c02684aafb462340434782bc2	USDA	2/13/2025
Political/Boundaries	Parcel data (Not GRE projects)	https://gisdata.mn.gov/dataset/plan-parcels-open	MnGeo	2/3/2026
Political/Boundaries	Tribal Government in Minnesota	https://gisdata.mn.gov/dataset/bdry-tribal-government	MNDOT	Undated
Political/Boundaries	Minnesota Geospatial (MnGeo) Township, Range, Section (TRS) Boundaries	https://gisdata.mn.gov/dataset/plan-mndnr-public-land-survey	MDNR	2/9/2023
Political/Boundaries	City, Township, Unorganized Territory	https://gisdata.mn.gov/dataset/bdry-mn-city-township-unorg	MnDOT	Undated
Political/Boundaries	Census Block Groups, Tracts	https://www2.census.gov/geo/tiger/TIGER2021/	Census	1/1/2021
Transport/Trails	State Trails in Minnesota	https://gisdata.mn.gov/dataset/trans-state-trails-minnesota	MDNR	7/27/2022
Transport/Trails	Minnesota Trails: Division of Parks and Trails	https://gisdata.mn.gov/dataset/trans-state-park-trails-roads	MDNR	7/27/2022
Transport/Trails	Hunter Walking Trails	https://gisdata.mn.gov/dataset/trans-hunter-walking-trails	MDNR	1/21/2026
Transport/Trails	Water Trails	https://gisdata.mn.gov/dataset/trans-water-trails-minnesota	MDNR	7/27/2022
Transport/Trails	Snowmobile Trails	https://gisdata.mn.gov/dataset/trans-snowmobile-trails-mn	MDNR	2/11/2026

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Transport/Trails	Minnesota Department of Transportation (MNDOT) Rail Lines, Minnesota	https://gisdata.mn.gov/dataset/trans-rail-lines	MNDOT	1/1/2015
Transport/Trails	Memorial Routes in Minnesota	https://gisdata.mn.gov/dataset/trans-memorial-routes	MNDOT	Undated
Transport/Trails	Scenic Byways in Minnesota	https://gisdata.mn.gov/dataset/trans-routes-tour	MNDOT	Undated
Transport/Trails	MnDOT Roadway Routes	https://gisdata.mn.gov/dataset/trans-roads-centerlines	MNDOT	Undated
Utilities	Electric Transmission Lines	https://www.arcgis.com/home/item.html?id=d4090758322c4d32a4cd002ffaa0aa12	HIFLD	9/30/2024
Utilities	Electric Transmission Layers (Digitized from NPMS Viewer)	https://www.arcgis.com/home/item.html?id=b8ab003534c64d1d868b0ff3649d471d	NPMS	1/2/2025
Utilities	Cell Towers/antenna structures	https://gisdata.mn.gov/dataset/util-fcc	MNFCC	9/7/2016
Soils/Geology	SSURGO Soils	https://www.arcgis.com/home/item.html?id=06e5fd61bdb6453fb16534c676e1c9b9/1000	USDA	Annually
Soils/Geology	Aggregate Resource Mapping Program	https://gisdata.mn.gov/dataset/geos-aggregate-mapping	MDNR	2/3/2023
Soils/Geology	Mineral Resources	https://mrdata.usgs.gov/mrds/	USGS	
Soils/Geology	MN Prospect Mine Related	https://www.sciencebase.gov/catalog/item/5a1492c3e4b09fc93dcfd574	USGS	5/22/2023