

## Coastal Program Grant Report

Minnesota Department of Natural Resources; Minnesota's Lake Superior Coastal Program

March 8, 2024; Presented by Cynthia Poyhonen, grants specialist

[Coastal Program Grant Funded Projects](#), Updated 3/07/2024

### Current Funding Opportunities

- [Capacity Grants for Coastal Management](#): posted, open through June 30, 2024

### Recently Completed STAR Projects

#### **Nagaajiwanaang: Where the Water Stops**

Grantee: Trustees of the Hamline University of Minnesota

Project Start: 08/02/2023

Project Number: 21-306-08A

Final Cost: \$12,404.12 (Grant: \$9,948)

Project End: 12/31/2023

In partnership with the Fond du Lac Band of Lake Superior Chippewa, Hamline University Center for Global Environmental Education (CGEE; subrecipient) integrated videos to create a special [Fond du Lac Edition](#) of CGEE's Lake Superior Multimedia Gallery™ program for use on the Band's website and on two kiosks made available to the Band by CGEE. They also created a new interactive module [Nagaajiwanaang Danakiiwin – Niswi Ekiwangin](#) with a map-based interface about places of importance within the Band's traditional homeland. This module is available in both Ojibwemowin and an Ojibwemowin/English version.

#### **Stormwater Planning for Knife River, MN**

Grantee: Lake Soil and Water Conservation District

Project Start: 08/03/2023

Project Number: 22-306-06D

Final Cost: \$16,610.40 (Grant: \$10,000)

Project End: 12/31/2023

Project partners, Lake County Soil & Water Conservation District (subrecipient), Lake County Highway Department, and Technical Services Area 3 (TSA 3), worked with MSA Professional Services (contractor) to create a stormwater model for the Knife River community. MSA used the model to propose solutions to reduce flooding and complete a stormwater management plan, with continual input from partners during the project. When approved, the plan will be uploaded to the [Partners and Resources](#) page of their website.

#### **1st Ave Stormwater Pond Feasibility Study**

Grantee: City of Grand Marais

Project Start: 07/26/2023

Project Number: 22-306-06E

Final Cost: \$12,621.90 (Grant: \$10,000)

Project End: 12/31/2023

The City of Grand Marais (subrecipient) contracted with water resource engineers EOR Inc. to conduct a feasibility study. Using the newly updated stormwater management model, the city and EOR assessed how the current pond structure will perform under future precipitation loads and designed a concept to update the pond to adequately handle more intense and frequent storms.

### Grant Project Update

[North Shore Stream Assessment of E. coli](#), a Citizen Science Project (results in a storymap); Grantee: University of Minnesota; Federal Award NA21NOS4190083; Task 306-11

## Federal Award and Grant Funds Awarded

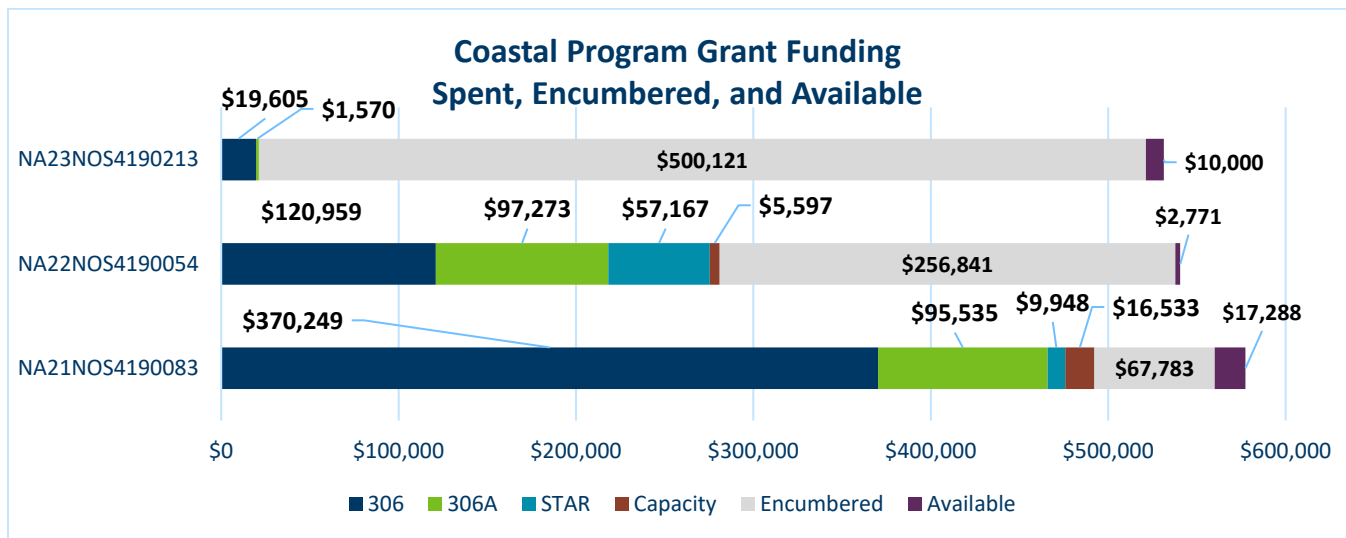
The table below shows the total federal award and amount of Annual and STAR grants awarded to date for the three open NOAA Office of Coastal Management awards.

Federal Fiscal Year and Award	Total NOAA Award	Award Expiration	Annual Grants Awarded	Small Grants Awarded	Total Funds Awarded to Date
<b>2021; NA21NOS4190083</b>	1,122,000	06/30/2024	501,620	63,474	565,094
<b>2022; NA22NOS4190054</b>	1,128,000	06/30/2025	474,560	73,271	547,831
<b>2023; NA23NOS4190213</b>	1,158,000	12/31/2024	521,296		521,296
<b>Total</b>	<b>\$3,408,000</b>		<b>\$1,497,476</b>	<b>\$136,745</b>	<b>\$1,634,221</b>

\*One STAR grant project is currently with NOAA for review: \$10,000 for NA22 (to start on July 1, 2024).

## Grants Reimbursed

The State has reimbursed grantees for project expenses (projects completed/in process), as shown in the chart below. Low-cost construction and land acquisition projects are '306A' (in green). Shown in gray are all the funds under contract (i.e., encumbered), not yet reimbursed. Funds available (not yet awarded) is in purple.



## Coastal Program Applications – Received and Funded

The table below shows the applications funded by the Coastal Program between July 1, 2019 and March 1, 2024.

- Annual Applications are funded in federal fiscal year (i.e., 2023 with the NA23 award, begins July 2023).
- STAR and Capacity applications are received during federal fiscal year (i.e., 2023 applications are received between July 1, 2023 and June 30, 2024); and funded with available funds.

Funding	Federal Fiscal Year	2019	2020	2021	2022	2023	2024	Total
<b>Annual</b>	Applications Received	10	3	12	9	6	2	42
<b>Annual</b>	Applications Funded	9	2	6	7	6		30
<b>STAR</b>	Applications Received	18	12	14	10	N/A		54
<b>STAR</b>	Applications Funded	17	10	8	10	N/A		45
<b>Capacity</b>	Applications Received	4	4	5	5	12	0	30
<b>Capacity</b>	Applications Funded	4	4	5	5	11	0	29

## Coastal Program Grant Funded Projects, Updated 3/8/2024

Status	Federal Award	Project	Project Number	Project Name	Grantee	Start Date	Expiration	Grant
Completed	NA22	306	22-306-07	Didymo Impacts on Coaster Brook Trout	Science Museum of Minnesota	09/07/2022	11/30/2023	\$99,349
Awarded	NA21	306	21-306-09	Coastal Erosion Hazard Map Update-Phase 3	ARDC	09/23/2021	05/31/2024	\$47,200
Awarded	NA22	306	22-306-10	Nearshore and Devils Track Watershed Water Monitoring	Cook County SWCD	09/01/2022	05/31/2024	\$28,542
Awarded	NA22	306	22-306-11	Identifying Drowning Hotspots in the St. Louis River Estuary	University of Minnesota	11/22/2022	05/31/2024	\$51,395
Awarded	NA21	STAR	21-306-08C	Superior Hiking Trail Master Plan: Informing the Future of Minnesota's Premier Footpath	Superior Hiking Trail Association	10/01/2023	06/30/2024	\$10,000
Awarded	NA21	STAR	21-306-08D	North Shore Forest Collaborative Plan Update	Sugarloaf: The North Shore Stewardship Association	02/02/2024	06/30/2024	\$6,000
Awarded	NA21	306	21-306-12	Demonstration of a Mobile Stormwater Lab	University of Minnesota, NRRI	11/24/2021	06/30/2024	\$86,435
Awarded	NA22	306	22-306-08	Mycorrhizal Fungi and Tree Seedling Success	University of Minnesota	10/24/2022	11/30/2024	\$71,224
Awarded	NA22	306A	22-306A-02	Minnesota Point Boardwalk and Dune Restoration	City of Duluth	10/11/2022	12/31/2024	\$108,182
Awarded	NA23	306	23-306-10	Documentary: <a href="#">A Sea Change for Lake Superior</a>	Hamline University (Center for Global Environmental Education)	09/04/2023	11/30/2024	\$98,727
Awarded	NA23	306	23-306-11	North Shore Management Plan Update	ARDC	09/12/2023	11/30/2024	\$14,238
Awarded	NA23	306	23-306-12	Low-Cost Buoys for Smart Coastal Monitoring	University of Minnesota	09/20/2023	11/30/2024	\$94,747
Awarded	NA23	306A	23-306A-01	Park Hill Acquisition	City of Duluth	09/22/2023	11/30/2024	\$100,000
Awarded	NA23	306A	23-306A-02	Native Plant Restoration along Agate Bay Shoreline	Lake County SWCD	09/08/2023	11/30/2024	\$37,384
Awarded	NA23	306A	23-306A-03	Minnesota Point Boardwalk and Dune Restoration - Phase 2	City of Duluth	09/22/2023	11/30/2024	\$108,000
Awarded	IIJA	IIJA	Task3	Coordinate the Lake Superior Headwaters Sustainability Partnership	Minnesota Land Trust	06/05/2023	11/30/2025	\$111,288
Awarded	NA23	C-Haz	23-306-09	Mitigating Coastal Hazards: Poplar River Flood Damage Scoping and Mitigation Plan	Cook SWCD	10/06/2023	03/31/2024	\$18,300
Awarded	NA23	C-Haz	23-306-09	Mitigating Coastal Hazards: Community Wildfire Protection Plan for Carlton County	Carlton SWCD	12/01/2023	11/30/2024	\$18,300
Awarded	NA23	C-Haz	23-306-09	Mitigating Coastal Hazards: Stormwater Modeling, Knife River & Two Harbors	Lake County	02/02/2024	11/30/2024	\$18,300

Status	Federal Award	Project	Project Number	Project Name	Grantee	Start Date	Expiration	Grant
Awarded	NA23	C-Haz	23-306-09	Mitigating Coastal Hazards: Stoney Point Coastal Hazard Mitigation Project	St. Louis County	01/23/2024	11/30/2024	\$18,300
21								\$1,145,911

### Capacity Grants; active between 01/11/2023 and 03/06/2024

Federal Award	Grantee	Grant	Description
NA21NOS4190083	City of Beaver Bay	\$4,500	Technology Upgrade: The City will acquire a cloud-based GIS system, migrate existing GIS data into the platform and create maps and apps to allow staff to manage utility information (water/sanitary sewer/stormwater) collaboratively and from the field, as well as provide an internal and public city GIS portal to publicly advertise information, such as city zoning.
NA21NOS4190083	Independent School District #94	\$2,500	Youth Education: High School students at Cloquet Area Alternative Education Program (CAAEP) will participate in an active field research-based Ecology class. The students will be making observations, collecting data, and reflecting on past and future impacts throughout the St. Louis River Watershed and how those impacts effect the environment and the people living in it.
NA21NOS4190083	University of Minnesota	\$4,435	Workshop: Minnesota Sea Grant (MNSG), in partnership with Wisconsin Sea Grant (WISG) and the Dredging Subcommittee of the Harbor Technical Advisory Committee (HTAC), will plan and implement a regional workshop to identify and prioritize beneficial uses for dredged material in the Port of Duluth-Superior for the next ten years. This workshop will be held in January 2024.
NA21NOS4190083	University of Minnesota	\$4,500	Workshop: The University will host <a href="#">AIS Detector</a> training in the Duluth area. Community members will learn aquatic invasive species (AIS) identification, regulations, reporting, and monitoring to become more active in detection, education, outreach, and management. Participants will complete online modules and attend an in-person workshop in June 2024. The training also offers a professional development opportunity for resource managers interested in aquatic invasive species issues.
NA21NOS4190083	Lake County Soil & Water Conservation District	\$2,500	Youth Education: Lake County SWCD is one of the hosts for the 2024 State Envirothon, to be held in May at Wolf Ridge Environmental Learning Center. High school students from all over the state will travel to the Lake Superior basin and test their knowledge on coastal issues.
COMPLETED			
NA21NOS4190083	Pike Lake Area Wastewater Collection System	\$4,500	Technology Upgrade: PLAWCS upgraded their ArcGIS Online account from a basic mapping system to system of operations and asset management by adding workflows, layers, and applications to allow for maintenance and inspection records to be captured and documented from any device.