



NATIVEGREEN

Shakopee Mdewakanton Sioux Community
Sustainability Report
2021



GOOD NEIGHBOR GOOD EMPLOYER GOOD STEWARD OF THE EARTH

The Shakopee Mdewakanton Sioux Community (SMSC) continues to celebrate new achievements in pursuit of our mission and values, even as we navigate through a global pandemic. We would like to take this opportunity to reflect on some of the many successes that occurred in 2021. We hope this inspires our friends and neighbors to join in all the great work that still remains.

OUR MISSION

Caring for Uŋci Maka (Grandmother Earth) is at the heart of what the SMSC strives to do—now and for future generations. We are fully dedicated to serving our members, supporting other tribes and organizations across the globe, creating strong partnerships, and protecting our natural resources for the benefit of everyone.

NATIVEGREEN

NativeGreen unifies all of our past accomplishments and future work together in a public forum. To bring Uŋci Maka back to a path of balance with modern life will take extraordinary commitments to sustainability by communities like ours. As others chart their own paths, our friends and neighbors can look to NativeGreen for the bold leadership and innovation happening throughout the SMSC.



OUR LAND

Managed invasive species on

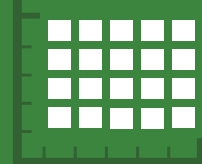
240

acres, with some help from goats.

PRESCRIBED BURNS MIMICKED NATURAL FIRE AND REGENERATION ON 153 ACRES.



RESTORED 20 acres of native prairie.



Planted more than 1,650 native plants and 4,300 saplings. Restored an oak savanna near Deans Lake in Shakopee, MN.



SMSC WILDLAND FIREFIGHTERS BATTLED THE 2021 NEAR MISS FIRE ON THE WHITE EARTH RESERVATION.



REDUCE, REUSE, RECYCLE

LAUNCHED FREE FOOD WASTE COMPOSTING IN PARTNERSHIP WITH SCOTT COUNTY.



THE SMSC ORGANICS RECYCLING FACILITY RECYCLED **61,000 TONS** OF YARD AND FOOD WASTE (2% FROM THE SMSC, 98% FROM THE TWIN CITIES METRO).

THE SMSC REDUCED OFFICE PAPER USAGE BY **30%** COMPARED TO 2018.



Mazopiya donated its excess meals to Loaves & Fishes.

Reusable and compostable dishware replaced non-recyclable materials across the SMSC business and government operations.

SMSC WATER BOTTLING SOLD NEARLY **8,300** RETURNABLE 5-GALLON JUGS (EQUIVALENT TO 250,000 SINGLE-USE WATER BOTTLES).

8,300

The SMSC shredded more than **45,000** pounds of documents from employees and Community Member homes and businesses for recycling into new products.



OUR WATER

REMOVED INVASIVE CARP FROM PIKE LAKE IN PRIOR LAKE, MN AND STOCKED WITH NATIVE BLUEGILL AND YELLOW PERCH.

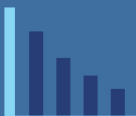


Placed 900 plants in a new rain garden—the SMSC's 24th on property!

THREE LAKES, FIVE STREAMS, AND TWO WETLANDS WERE MONITORED FOR WATER QUALITY.



Completed **961** erosion and sediment control inspections at **48** sites.



ARCTIC LAKE REACHED ITS DEEPEST WATER CLARITY SINCE MONITORING BEGAN.

Added macroinvertebrates surveys to 22 years of water quality monitoring.



Recorded precipitation, evaporation, wind, and other data at two weather stations, adding to 21 years of local weather monitoring.



BUILDING AND ENERGY



30 BUILDINGS' ELECTRICITY NEEDS WERE MATCHED 100% TO WIND FARMS IN THE DAKOTAS.



Reduced refrigerants' CO2e emissions **32%** below the 2018 baseline (ozone friendly options are still >1,000x more potent greenhouse gases than CO2).



90% of all commercial real estate (2.3M ft2) began Deep Energy Retrofit Audits for energy conservation, concluding in 2022.



EXPANDED COMMUNITY-WIDE ENERGY MONITORING TO INCLUDE ALL STREETLIGHTS, TRAFFIC CAMERAS, AND IRRIGATION SYSTEMS.



ENERGY USE REMAINED

10% below baseline

even as the SMSC reopened operations.

Residential reductions were even stronger:

13% below 2018 baseline.





EDUCATION



THE SMSC'S UNDERSTAND NATIVE MINNESOTA CAMPAIGN LAUNCHED A NEW PODCAST ENTITLED **NATIVE MINNESOTA WITH REBECCA CROOKS-STRATTON.**

Hočokata Ti hosted 4,147 visitors

to the exhibit *Mdewakanton: Dwellers of the Spirit Lake*, which features a section on sustainability at the SMSC.



1,966 participants learned about our planet during **SMSC Earth Week.**

#1

INA MAK'A YUONIHANPI, A YOUTH NATURE PROGRAM, HELD ITS FIRST EVENTS.



Three educational events taught Playworks students about water resource science, including buoyancy, stream dynamics, and erosion.

Nearly **300** SMSC neighbors learned about prairies and the importance of deep-rooted native plants at New Prague Elementary Garden Day.

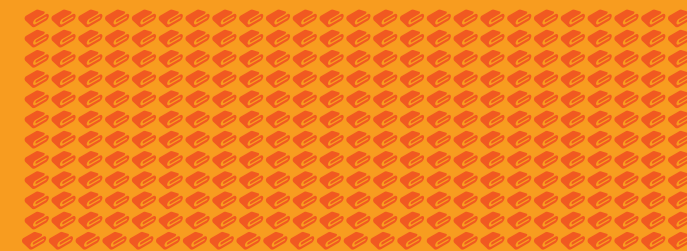
GOOD NEIGHBOR



DONATED MORE THAN **1,200** BACKPACKS OF SCHOOL SUPPLIES TO KIDS IN NEED.

Employees planted hundreds of bulbs and seedlings at the **Great River Greening Planting PROJECT.**

300 FLEECE BLANKETS MADE BY EMPLOYEES AND DONATED TO LOCAL FAMILIES IN NEED.



Diverted of SMSC **60%** drinking water to neighboring Prior Lake residents.



FOOD SECURITY



EMPLOYEES ASSEMBLED MORE THAN **31,000 MEALS** FOR NEIGHBORS IN NEED.

PLANTED MORE THAN **20 EDIBLE, MEDICINAL, OR MATERIALLY USEFUL NATIVE SPECIES.**

Wozupi Tribal Gardens

grew organic produce throughout the year.

8 FAMILIES

Partnerships with Second Harvest Heartland and the CAP Agency provided meals to more than 800 families through food rescue events.

PLANTED 500 SUGAR MAPLES AS PART OF A FOREST RESTORATION.



HOW WE MOVE

FUEL USE DECREASED 18% ACROSS THE SMSC FLEET COMPARED TO 2018.

18%



20 Tesla and Level 2 EV stations provided more than **1,700 sessions** at no cost to guests/employees.

MORE THAN 100 DAILY RIDERS used the SMSC's public transit and motor pool programs.



A SKATE PARK BROKE GROUND IN 2021, OFFERING MORE SPACE FOR GATHERING IN THE COMMUNITY.

THE CITY OF SHAKOPEE'S NEW MOUNTAIN BIKE TRAIL OPENED, WITH SUPPORT FROM THE SMSC.



SMSC SECURITY PATROLLED BY BICYCLE, PROMOTING HEALTH AND REDUCING VEHICLE USE.



The Minnesota Zoo's Treetop Trail plans neared completion, with support from the SMSC. It will be the longest elevated trail loop in the world.





The SMSC Print Shop has proudly printed this report and other publications on Monadnock Paper Mills' products for several years. Monadnock produces over 50% of its electrical requirement from on-site low-impact river hydro power. All of their products are made with 100% renewable electricity through the investment in Green-e certified wind powered RECs, and manufactured carbon neutral through the investment in emission reductions (CERs) certified under the Kyoto CDM Registry. Its products are certified by Preferred by Nature to the industry's Chain of Custody Standard, and this report was made from 100% post-consumer recycled content. Its facilities have also maintained ISO 14001 Environmental Management System certification for more than a decade.

Supply chain impacts (including Scope 3 greenhouse gas emissions) are a very important aspect of the SMSC's short-, medium-, and long-term goals. By sourcing our goods and services from the most socially and environmentally responsible companies, we maximize our influence and support for the businesses and leadership that our planet depends on.

The tree pictured on the front and back cover of this report is one of the largest living American basswood (*Tilia americana*) trees in the state of Minnesota. It was discovered by SMSC Land Department scientists in 2018. At last measure, its crown spread was an average of 140 feet and it measured a circumference of more than 17 feet around.



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