



Project Summaries for 40 Member Positions

2017-2018 Program Year



Minnesota Pollution
Control Agency



Air Quality- Energy Conservation Track

Hennepin County

Metro:
Minneapolis

Goal: Implement the Hennepin County Energy Benchmarking Program for cities, an employee energy behavioral campaign, and building retrofits.

MN GreenCorps Member will...

- Implement the Hennepin County Commercial Building Energy Benchmarking and Disclosure Program with support from the Center for Energy and Environment and involvement of local Hennepin County cities willing to adopt ordinances.
- Contact and provide outreach to other cities within Hennepin County to get five more to sign up for the benchmarking program and to include it in their comprehensive plans.
- Compile and verify county energy data and work with cities to update their building energy data.
- Develop marketing materials and conduct pre-post surveys for the employee behavioral campaign.
- Roll out employee energy behavior campaign, including employee outreach, site visits, data analysis, and a report on energy savings. Hand out LED lamps and install occupancy sensor power strips.
- Work with the County Energy Manager to assess and implement additional building energy retrofits.

**Driving Required*

City of Warren

Northwest:
Warren

Goal: Benchmark energy use of all public buildings in Warren, assess and help implement operational changes and retrofits, and communicate to residents the energy and cost saving opportunities from a planned city-wide thermal imaging program using drones.

MN GreenCorps Member will...

- Compile data to complete benchmarking of energy use in Warren's city, county, and school district buildings.
- Assess opportunities for energy savings, then help implement efficient scheduling of HVAC systems/lighting and building energy upgrades.
- Communicate to residents the pioneering program of city-wide thermal imaging using drone technology planned as part of Warren's participation in Climate Smart Municipalities.
- Create signage in the community that explains the city's energy saving features.
- Compile information, create handouts, and facilitate meetings that help residents interpret the results of the infrared scans and understand opportunities for energy upgrades in their homes.
- Conduct pre and post surveys of residents to measure changes in behavior after outreach efforts.

**Driving Required*

<p>River's Edge Academy</p>	<p>Metro: St. Paul</p>	<p>Goal: Identify and implement opportunities for the students, faculty, and staff at River's Edge Academy to reduce energy and water usage, help create a classroom energy curriculum, and lead efforts to develop an energy efficiency plan with long-term recommendations for the school.</p>	<p>MN GreenCorps Member will...</p> <ul style="list-style-type: none"> • Collect benchmarking data on the school's energy and water usage and lead a student-driven energy conservation plan through the YEA! MN program. • Implement operational and behavior change initiatives for energy reduction that will contribute to the school's Green Ribbon application. • With the assistance of the school's faculty and staff, develop and implement a cross-disciplinary energy curriculum for 9th and 10th grade students, including topics relating to energy usage, sources, and conservation efforts at school and globally. • Develop a plan and implement improvements to the school's outdoor classroom to foster better understanding of environmental stewardship and increase the faculty, staff, and student's use of the space. <p><i>*Driving Not Required</i></p>
<p>Lake Superior College</p>	<p>Northeast: Duluth</p>	<p>Goal: Identify inefficient energy use at Lake Superior College, including through the building automation system, and help implement operational changes, building upgrades, and behavior change measures for increased energy savings.</p>	<p>MN GreenCorps Member will...</p> <ul style="list-style-type: none"> • Perform a comprehensive analysis, using data from 2005 to present, of trends and actual savings realized through retrofits and various energy savings programs. • Using historical and actual benchmarking data, the member will work with the Sustainability Council, Facility Engineer, and maintenance department, to perform energy audits and identify efficiency opportunities. • Develop training materials for employees and provide outreach to college community on behavior change measures consistent with the school's Sustainable Use of Energy Policy. • Implement operational energy saving changes, such as HVAC optimization and building automation system scheduling, and identify low cost energy saving technologies to the Sustainability Council for consideration. <p><i>*Driving Not Required</i></p>
<p>Leech Lake Band of Ojibwe</p>	<p>North Central: Cass Lake</p>	<p>Goal: Coordinate with the Facilities Management, Environmental, and Leadership Teams at Leech Lake Band of Ojibwe to implement planned energy efficiency projects, identify new opportunities, and strengthen other sustainability initiatives within the Tribe.</p>	<p>MN GreenCorps Member will...</p> <ul style="list-style-type: none"> • Manage the Guaranteed Energy Savings Program (GESP) project as it progresses into Phase IV, which includes organizing and facilitating the energy services company (ESCO) meetings with Leech Lake Band Staff, and coordinating throughout the project with the Department of Commerce, Clean Energy Resource Teams, and the Leech Lake Government. • Help the Tribe analyze the investment grade audit results, finalize selection of energy conservation measures, secure financing, and implement construction of the retrofits in 22 government buildings. • Work with Leech Lake Gaming and Leech Lake Facilities Management to identify rebates and other cost and energy saving measures for new building construction projects. • Develop a long-term Energy Plan and Portfolio to be utilized by Leech Lake Government in future planning and development. • Assist with the Leech Lake Apple Grove Project, and the 2017 Apple Festival, by educating and engaging Tribal Community Members in sustainable practices to maintain the 300 tree grove. <p><i>*Driving Required</i></p>

Pine City	North Central: Pine City	<p>Goal: Help Pine City advance to Step 4 of the Minnesota GreenStep Cities Program through implementation of sustainability projects, primarily energy conservation efforts that provide energy savings to city owned facilities.</p>	<p>MN GreenCorps Member will...</p> <ul style="list-style-type: none"> • Update the city's B3 Benchmarking Database energy and water use data, then train city staff to maintain ongoing data entry and spot energy-saving opportunities. • Identify strategies to reduce peak-load demand charges and save energy through building upgrades and operational scheduling of HVAC and lighting. • Work with Facility and Environmental Staff to develop a city wide comprehensive Energy Plan. • Assist in researching and developing solar energy projects in the city buildings, including Business Technology Park. • Assist in the development of a City Comprehensive Plan update addressing energy and sustainability topics. • Coordinate meetings between Pine City staff and ISD 578 representatives to develop an application for funding assistance in the Safe Routes to School Program. • Educate community about energy sources and benefits of alternative energy. <p><i>*Driving Required. Personal Vehicle Required.</i></p>
<p>Department of Administration – Office of Enterprise and Sustainability</p>	Metro: St. Paul	<p>Goal: Assist in the drafting and implementation of a recommissioning plan that will reduce operating costs by \$1 million per year while reducing greenhouse gas emissions by 1.5%.</p>	<p>MN GreenCorps Member will...</p> <ul style="list-style-type: none"> • Assist in completing the master contract for recommissioning and the development of criteria for revolving fund for low-cost energy projects. • Develop a complete, prioritized list of buildings with the worst B3-rated energy performance. • Conduct on site evaluations for the worst performing buildings, make recommendations for improvements and assist in obtaining funding for implementation of the recommendations. • Assist agencies with rebate applications from utility vendors. • Document success stories for the quarterly Office of Enterprise and Sustainability Website and prepare guidance documents. <p><i>*Driving Required</i></p>

Air Quality-Green Transportation Track

City of Minneapolis Health Department	Metro: Minneapolis	<p>Goal: Reduce vehicle miles traveled and greenhouse gas emissions in Minneapolis by working to change walking and biking behavior among public housing residents and City employees and contributing to efforts to improve walking and biking infrastructure in the city.</p>	<p>MN GreenCorps Member will...</p> <ul style="list-style-type: none"> • Manage the logistics of the launch, promotion, and evaluation of a City of Minneapolis bike fleet. • Create evaluation tools for Public Works infrastructure projects on biking and walking behavior and its impact on local businesses. • Work to increase walking and biking among public housing residents by encouraging walking, working to improve walkability, and bringing learn to ride classes to some of the public housing buildings. • Support the production and consumption of locally grown foods through community gardens at public housing highrises (marginal function). <p><i>*Driving Not Required</i></p>
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City of Edina

Metro:
Edina

Goal: Work with the City of Edina and their partners to improve the City's vehicle and fleet efficiency that will reduce greenhouse gas emissions and promote the use and infrastructure for electric vehicles and other low to zero carbon emissions.

MN GreenCorps Member will...

- Inventory and report fleet-wide greenhouse gas emissions from 2005 to present to provide baseline data.
- Study the needs and use of city vehicles via department and staff interviews, analysis of mileage and usage, and provide recommendations to optimize current fleet size and use.
- Create a case study around current use of the city's electric vehicle and make recommendations of where additional electric vehicles can be used in the fleet.
- Develop a scoring system to evaluate facility and infrastructure projects based on city values and policy, as well as the principles of Living Streets, to better consider environmental issues while maximizing benefit to the community as a whole.
- Complete additional projects, such as mapping out lower mileage routes, research technologies that reduce emissions while idling, contribute articles to the city's newsletter and quarterly magazine, survey city employees or residents to assess behavior change.

**Driving Required*

Bicycle Alliance of Minnesota

Metro:
Minneapolis

Goal: Through partnerships among the Bicycle Alliance of Minnesota, Minnesota Department of Health, Minnesota Department of Transportation, and the University of Minnesota Parking and Transportation Services, this project will improve air quality by encouraging people from Minnesota communities and institutions of higher education about the benefits of using their own power to safely get to their destinations.

MN GreenCorps Member will...

- Create and coordinate the "Higher Education Bicycle Safety Network" by connecting and organizing administrators, faculty, and students across Minnesota into an organized entity that shares resources, strategies and ideas.
- Coordinate and implement "Bikeable Community Workshops" and a pilot "Bikeable University Workshop" to support system changes to increase physical activity by engaging community members in developing and implementing walkable community action plans.
- Generate excitement, improve skills, and raise awareness among communities through the Three E's: Education, Encouragement, and Evaluations (i.e. teach Traffic Skills 101 courses, promote Pedal MN/Share the Road campaigns, complete Bike/Ped counts).
- Obtain a League Cycling Instructor Certification paid for by the Bike Alliance of MN (strongly encouraged).

**Driving Not Required*

Cycles for Change

Metro:
St. Paul

Goal: Work with Cycles for Change staff to provide outreach, as well as plan and implement community bike shop programming, to engage new cyclists from under-represented and under-resourced communities in overcoming barriers to bicycling and riding confidently for transportation purposes.

MN GreenCorps Member will...

- Support outreach and planning of the annual “Fall Bicycle Celebration” event to celebrate the participants, volunteers, and community members engaged in Cycles for Change programming.
- Participate in a bicycle maintenance and safe cycling education trainings and program.
- Work with staff to incorporate program revisions into the 2018 spring and summer programming to more effectively meet the needs and engage under-represented and under-resourced communities (i.e. focus groups, conduct surveys, attend community meetings).
- Co-facilitate the Bike Grant sessions that support under-represented community members in accessing bicycles and builds the participants’ confidence to ride for transportation purposes (e.g. group rides, bike maintenance sessions, safe cycling tutorials, basics of how to ride instruction).
- Support the Open Shop program that provides free bicycle repair to under-served communities in an effort to grow the community of bicycle riders by bringing an explicit equity focus to broadening and diversifying the community of bicyclists.

**Driving Not Required*

American Lung Association of the Upper Midwest

Metro:
St. Paul

Goals: Provide information and resources to public sector and non-profit organizations considering workplace charging stations and electric vehicles, along with anti-idling outreach and backyard fire education.

MN GreenCorps Member will...

- Identify and establish a list of 25+ sites from Minnesota non-profit and public sector organizations to be evaluated for adding charging stations, electric vehicles, and/or idle reduction policies to their fleets and for their employees.
- Research and provide tools and resources to organizations, including a write-up of 3 or more case studies on new sites developing infrastructure for electric vehicles.
- Meet with 10-15 fleets in the metro area to lead Ride and Drive sessions and discuss options for reducing petroleum use through electric vehicles and idle reduction practices.
- Disseminate existing education materials and tips on cleaner backyard burning to broad audiences through venues such as National Night Out events, fire departments, health fairs, and social media outlets.
- Ensure a successful launch of a new office organics recycling program by creating a document to guide staff on organics program and how to integrate new practices into office events and meetings (marginal function).

**Driving Required.*

Waste Prevention and Recycling

City of St. Louis Park	Metro: St. Louis Park	Goal: Educate residents and increase waste diversion in the City with a focus on multi-family recycling, single-family organics recycling, and parks and public space recycling.	MN GreenCorps Member will... <ul style="list-style-type: none"> • Collect baseline data on current recycling in multi-family housing and in public parks through surveys and waste sort analyses. • Provide technical assistance and education about recycling and waste diversion to residents and property owners. • Research best management practices and promote organics recycling participation through education and trainings. • Create an educational campaign to address recycling in the parks and increase participation. • Utilize Hennepin County resources to encourage multi-family housing properties to establish reuse opportunities for residents. <i>*Driving Required, Personal Vehicle Required</i>
City of Saint Paul	Metro: St. Paul	Goal: Increase the participation of Saint Paul multi-unit dwelling residents in city recycling programs by ensuring all residents have an opportunity to recycle and knowledge of available resources.	MN GreenCorps Member will... <ul style="list-style-type: none"> • Gather baseline data on recycling participation and tonnage at multi-unit dwellings. • Provide information and technical assistance to multi-unit dwellings and update containers and service levels to increase waste diversion. • Create better connections with residents and property managers through education, outreach, and regular communication. • Develop and deliver educational resources for residents and property owners. • Develop additional programs to pilot at select properties to increase waste diversion, such as a pilot organics recycling program. • Identify opportunities to implement a reuse program for residents and create a resource guide so that the program can be expanded to new properties. <i>*Driving Required</i>
Carver County Public Services Division	Metro: Chaska	Goal: Increase waste diversion in the County through residential organics collection and expansion of reuse opportunities, and contribute to a greater promotion of organics composting through an economic impact study and workshops in partnership with the MN Composting Council.	MN GreenCorps Member will... <ul style="list-style-type: none"> • Assist with a residential source separated organics program roll-out in a select Carver County city. • Distribute surveys and encourage resident participation in the organics program through education, outreach, and disseminating organics recycling starter kits. • Expand reuse opportunities in the County through two County operated product reuse rooms. Introduce electronics collection for the reuse rooms, increase marketing, develop an online inventory system, and expand education efforts. • Complete a 2017-18 Economic Impact of Composting Study in partnership with the MN Composting Council. • Plan, market, and coordinate two compost specific workshops in partnership with the MN Composting Council. <i>*Driving Required</i>

Otter Tail County	Northwest: Fergus Falls	Goal: Increase recycling in the County through the implementation of single sort residential recycling in two cities and engage residents through an educational campaign.	MN GreenCorps Member will... <ul style="list-style-type: none"> • Promote curbside recycling with multi-unit housing residents and property owners in two cities and provide technical assistance, education and outreach. • Develop and implement educational curriculum, campaigns, and special events to promote waste diversion with residents and organizations throughout the County. • Convene a countywide sustainability team with regular meetings to engage residents and address environmental issues and opportunities in the County. • Develop a countywide single sort recycling plan based on the results from the curbside programs and present it to stakeholders. • Collect baseline data of County recycling and track tonnages throughout the year. <i>*Driving Required</i>
City of Duluth	Northeast: Duluth	Goal: Increase waste diversion in City parks and facilities through education, outreach and improved infrastructure.	MN GreenCorps Member will... <ul style="list-style-type: none"> • Design and conduct a baseline audit of 10-15 selected City facilities and park spaces to gain knowledge of current infrastructure and systems. • Identify waste diversion improvements to implement in City parks and buildings based on the results of the baseline audit. Research and identify best practices to implement. • Present recommendations to staff and create guidance documents to manage the implementation of the identified improvements. • Create outreach and publicity materials to educate and engage community members. • Recruit and train summer volunteers to support project activities. • Provide education to youth groups and classrooms about environmental sustainability. • Assist on urban forestry projects related to EAB and invasive plants (20% of time during summer months). <i>*Driving Required</i>
Second Harvest Heartland	Metro: Maplewood	Goal: Increase the environmental sustainability of food banking systems by reducing organic waste, increasing the recovery of food, and educating community members on food waste prevention.	MN GreenCorps Member will... <ul style="list-style-type: none"> • Develop a quality assurance procedure to increase the amount of food recovered for distribution to people. Work with staff and volunteer groups to implement new systems and procedures. • Research and assess the waste composition of food that can't be used and determine the most sustainable opportunities for management. The member will also work with Second Harvest Heartland staff to determine the economics of management. • Engage partner organizations, food shelves, and community members in food waste prevention and food rescue through education, outreach and special events. • Track food waste prevention and diversion tonnages as a result of project activities. <i>*Driving Required, Personal Vehicle Required</i>

Lake County

Northeast:
Two Harbors

Goal: Increase waste diversion in the County through community education, outreach, and implementation of waste reduction projects.

MN GreenCorps Member will...

- Develop and conduct a survey for residents and organizations in the County to evaluate current waste reduction and recycling activities and to identify any barriers. Use the survey results to implement an educational campaign and projects throughout the County.
- Engage and educate residents, organizations, schools and community groups in waste reduction and recycling to increase knowledge and change behavior.
- Evaluate, promote, and implement additional waste diversion programs including organic composting, yard waste composting, food waste reduction, and material reuse programs.
- Engage volunteers to assist in promoting and implementing waste reduction and recycling projects.

**Driving Required*

Carlton County

Northeast:
Carlton

Goal: Increase waste diversion in fourteen County schools through the Green Schools Project, focusing on the implementation of organics recycling and increasing knowledge of students and staff.

MN GreenCorps Member will...

- Facilitate the introduction and adoption of organics collection at County schools, including collaboration with school staff, County staff, and solid waste haulers.
- Develop and deliver in-school educational activities and events to promote recycling and waste reduction with students and staff.
- Track and compile data from solid waste hauler records to document any changes in waste diversion rates throughout the program year.
- Develop and enhance sustainable program activities, application materials, and online presence of the Green Schools Project grant program.
- Promote and recruit schools to participate in the Green Schools Project grant program.

**Driving Required*

Green Infrastructure- Stormwater Track

Capitol Region Watershed District

Metro:
St. Paul

Goal: Assist with serving the Stewardship Grant program which builds projects that protect and improve local lakes and the Mississippi River, and implement new projects in areas of concentrated disparity within under-represented communities. Develop strategies and materials for improved Education and Outreach and assist with disseminating the information in the community.

MN GreenCorps Member will...

- Work with staff to develop and implement Stewardship Grant project follow up outreach activities and create a template of best management practice (BMP) assessment information for dissemination to project participants.
- Outreach with stewardship program participants to coordinate inspections and work with them to identify their needs, inspect existing BMPs and document findings in the GIS database.
- Calculate volume and pollution reductions for BMPs and update database to include inspection information, performance data, etc.
- Produce GIS maps of BMPs for Stewardship Grant and Education and Outreach program.
- Collaborate with community partners to develop events that provide resources to project participants with existing BMPs, and assist staff with development of engagement strategies for reaching communities.
- Research Currently Emerging Trends in equity, environmental justice, and resiliency. Present findings to staff.

**Driving Required*

Anoka Conservation District

Metro:
Ham Lake

Goal: Provide targeted education and outreach to community members on the impact of pollutants on the watershed and engage local citizens in promoting and implementing best management practices that will minimize pollutants in stormwater runoff, reduce stormwater runoff, and improve the quality of Anoka County's water resources.

MN GreenCorps Member will...

- Create stormwater outreach and education materials that engage citizens to change an action that will benefit water quality, and also provide resources for citizens to install best management practices (BMPs).
 - Assist with the distribution of outreach materials to citizens.
 - Create a grading criteria for assessing previously installed BMPs and then assess BMPs. Assist ACD staff to engage with public and private landowners to improve the maintenance and operation of poorly performing BMPs.
 - Use programs such as GIS to calculate volume and pollutant reductions of proposed BMPs, then work with landowners to select the size and materials for the BMPs and provide assistance with the installation.
 - Coordinate and develop volunteer opportunities for improving water quality in Anoka County.
- *Driving Required*

Washington Conservation District

Metro:
Oakdale

Goal: Recruit and train citizen stewards to build consistency and long-term success of water quality improvement projects throughout Washington County, advance database tracking, and assist with operation and maintenance of Green Infrastructure and Low Impact Development (LID) stormwater management practices.

MN GreenCorps Member will...

- Inventory existing stormwater best management practices (BMPs) in Washington County, assist local units of government to prioritize repairs, and guide seasonal maintenance crew on order of operation. Assist technical staff with final inspections to track progress.
 - Analyze and summarize maintenance crew outcomes through existing database and develop recommendations for future BMP maintenance.
 - Provide outreach and education to organizations and citizens about the benefits of stormwater BMPs and reducing runoff of pollutants along with training citizen stewards to catalyze clean water projects.
 - Coordinate workshops on project findings and deliver education and outreach to agencies and community members.
 - Assist in coordinating Master Water Stewards program to support education and civic engagement activities and implement identified water quality improvement projects.
 - Use existing resources/calculators to quantify the benefits of LID practices and develop recommendations for future maintenance.
- *Driving Required*

Winona County

Southeast:
Winona

Goal: Educate and engage Winona County residents on stormwater Best Management Practices and assist local governments within the County to implement Best Management Practices and educational outreach programs.

MN GreenCorps Member will...

- Research and design outreach materials to educate on how to improve water quality through stormwater management practices.
 - Collaborate with local governments and citizens to offer assistance and provide outreach through a variety of methods.
 - Lead public education and involvement around stormwater, including participation in the installation of rain gardens.
 - Review and fuse historical and current records, in addition to interviewing those that were involved with the Whitewater Watershed project, to develop a comprehensive report of the Whitewater Watershed project.
 - Assist the City of Winona with implementing the water quality improvement plan for Lake Winona.
- *Driving Required*

Carver County Water Management Organization

Metro:
Chaska

Goal: Deliver stormwater message that builds awareness of stormwater pollution causes and reduction strategies to help lead individuals and groups towards behaviors changes that protect lakes and rivers. Assist in design, field analysis, and evaluation of urban and rural stormwater practices, and convey aquatic invasive species education, awareness, and assistance to a wide range of citizens in and around the County.

MN GreenCorps Member will...

- Develop new partnerships and materials to engage with citizens at existing events.
- Create a stormwater pond plan specific to a homeowner association (HOA), assist with education specific to HOA residents, and share education materials at K12 events.
- Assist with Aquatic Invasive Species outreach and education.
- Evaluate current best management practices, determine messaging, and produce fact sheets and case studies.
- Evaluate current re-use systems, conduct interviews and surveys of stakeholders, analyze monitoring data, and conduct site evaluations.

**Driving Required*

Green Infrastructure- Urban Forestry Track

City of New Ulm

Southeast:
New Ulm

Goal: Help expand New Ulm's existing forestry program and lead the transition of city departments, with community involvement, to take a more active role in the management, preservation, and appreciation of the City's community forest.

MN GreenCorps Member will...

- Help complete the boulevard tree inventory through coordination of volunteers. Update the city's GIS program with new data and identify improvements to be made to current management practices.
- Update the Emerald Ash Borer plan with data from the completed inventories and develop an ash management plan for public property. Lead the maintenance crew in initiating the plan on city parks.
- Develop a comprehensive general management plan for city parks, and assist with the current park tree planting schedule.
- Through community outreach, help local schools and civic groups better understand best management practices and the importance of natural areas.
- Assist with coordination of Arbor Day celebrations and local Home Show event.

**Driving Required*

Mississippi Park Connection

Metro:
Saint Paul

Goal: Assist with the creation and implementation of a reforestation plan for the Mississippi National River and Recreation Area, implement a restoration projects to plant thousands of trees along the Mississippi River, gather information on how communities are dealing with climate change, create educational materials to encourage nurseries to stock more tree species, implement community gravel-bed tree nurseries, and use GIS to create a series of maps that help make data relevant to the public.

MN GreenCorps Member will...

- Install 5-8 gravel bed nurseries in communities along the Mississippi River with support from volunteers and MPC/NPS staff.
- Create and disburse materials to nurseries detailing the need and demand for southern-adapted tree species in a changing climate.
- Support and coordinate volunteers, along with established partners, to plant trees in areas that will be decimated by Emerald Ash Borer. Create workplans and maps that will guide the work and teach volunteers how to plant trees in a safe and effective manner.
- Create the foundation for a formal planting list for trees planted in the natural areas of Mississippi National River and Recreation Area, coordinating with staff from the DNR, U of M and land-managing partners.
- Create a series maps that showcase wildlife areas and areas in ecological decline within the Mississippi National River and Recreation Area that can be shared with a non-technical audience.

**Driving Required*

Hennepin County

Metro:
Minneapolis

Goal: Develop a more resilient urban forest through providing outreach and education to communities of need to increase and enhance their overall tree canopy cover, facilitating the Tree Steward educational opportunities for Hennepin County volunteers, and coordinating community forestry events.

MN GreenCorps Member will...

- Support Tree Steward events and educational trainings by facilitating volunteers to setup tree related events with their cities, developing training curriculum for tree inventories with volunteers, and hosting events in communities.
- Assist with crew management and help with outreach and planning to work with volunteer groups to complete tree planting events, including a large tree planting for Arbor Day 2018 and smaller tree plantings with schools.
- Develop activities and curriculum to engage with school students. In addition to tabling events within a community, reach out to schools where Hennepin County has existing relationships targeting communities of need.
- Provide support to communities with urban forestry organizational needs by fielding questions from communities with little to no urban forestry experience and identifying needs to reach the communities' goals.

**Driving Required*

City of Lakeville

Metro:
Lakeville

Goal: Prepare the city for Emerald Ash Borer (EAB), increase education and outreach related to community forestry, and maintain canopy cover by improving community forestry health.

MN GreenCorps Member will...

- Inspect city ash trees and create prioritized treatment list.
- Create charts/graphs from tree inventory data to further assist with rolling out data and how to maintain parks.
- Assist residents with questions and request related to forestry, trees, and inventory work.
- Create and disseminate education outreach materials related to forestry and EAB at community events and on the City's website.
- Assist with City Tree sale program, Earth day event, and tree planting demonstration.
- Assist with inspection of city boulevard and park trees.

**Driving Required*

Green Infrastructure- Local Foods Track

The Food Group

Metro:
New Hope

Goal: Decrease food waste by increasing knowledge of food waste in the community through events and classes, developing a lead volunteer team to rescue food, and increase gleaning efforts for donation to low-income communities.

MN GreenCorps Member will...

- Develop a Lead Volunteer network to respond quickly for sorting or gleaning produce that would otherwise go to waste.
- Develop and host a series of educational sessions at area food shelves and community centers about food waste, including techniques to prevent food waste at home.
- Partner with the U of M's MN Food Waste Forum group to plan and host a series of food waste awareness events, including a community meal featuring rescued produce.
- Develop resources and lesson plans for service learning opportunities for youth on The Food Group farm to teach about food justice, how to grow food, and sustainable food systems.
- Design, update and distribute educational and communication materials.

**Driving Required*

Augsburg College	Metro: Minneapolis	<p>Goal: Provide local food access to people experiencing food insecurity in the Cedar-Riverside neighborhood and reduce food waste through food recovery and distribution efforts.</p>	<p>MN GreenCorps Member will...</p> <ul style="list-style-type: none"> • Partner with the Cedar-Riverside Garden Coalition to increase prevalence of gardening and access to more community garden space in the neighborhood, as well as increase education and gardening skill shares. • Provide education and workshops for a culturally diverse audience of gardeners. • Provide education and signage at the on-campus food shelf about expiration dates and food waste prevention. • Expand programming with off-campus partner organizations, including cooking classes and education about food waste prevention. • Assist with produce gleaning from farmer's markets and co-ops and distribute produce to food shelves. • Educate the campus community about food waste, and work with various departments and individuals to create a campus culture of food waste reduction and sustainable campus life. <p><i>*Driving Preferred</i></p>
CentraCare Health Foundation	North Central: St. Cloud	<p>Goal: Reduce food waste through Smarter Lunchroom techniques at two school districts and build momentum with Farm to School programs while increasing food access for community members in need.</p>	<p>MN GreenCorps Member will...</p> <ul style="list-style-type: none"> • Conduct baseline measurements of food waste at school cafeterias. • Determine which prevention strategies would best address food waste in schools and identify opportunities to implement new systems and infrastructure. • Work with schools to implement Smarter Lunchroom techniques, such as slicing fruits and vegetables and hosting taste tests, to reduce cafeteria food waste. Track and measure the waste output. • Build capacity and assist in Farm to School events. • Plan Farm to School taste testing events at select schools and coordinate a networking event to build relationships between farmers and schools. • Research food waste diversion opportunities for schools including compost, hog farms, etc. and work with school cafeterias to find solutions. <p><i>*Driving Required</i></p>
Rochester Alternative Learning Center -- Growing Home	Southeast: Rochester	<p>Goal: Improve the local food system and promote the use of sustainable urban farming as a vehicle for education and job training for underserved and marginalized community members.</p>	<p>MN GreenCorps Member will...</p> <ul style="list-style-type: none"> • Engage students through agricultural innovation and work skills, and lead hands-on activities and education at the onsite farm and greenhouse. • Establish a sustainable poultry demonstration project: research best practices, implement a program, and develop corresponding educational lessons. • Design and establish an onsite composting system for cafeteria waste, including collecting baseline data, coordinating with partners, and implementation of the new program and policy. • Cultivate partnerships through community outreach and develop new relationships to support and expand Growing Home programs. <p><i>*Driving Required, Personal Vehicle Required</i></p>

Arrowhead Economic Opportunity Agency -- Rutabaga Project

Northeast: Virginia

Goal: Promote local foods in Virginia through the expansion of the local farmers market, community gardens, cooking and nutrition education, and local production by new farmers.

MN GreenCorps Member will...

- Promote the farmers market with community members, expand the market with new vendors, create and disseminate promotional and educational materials.
- Assist with coordinating the community garden plots including planning, recruitment, education, plot preparation, and plot harvest.
- Engage community members through educational courses and events about winter indoor gardening, cooking skills, nutrition classes, etc.
- Plan and organize all local food presentations for the Earth Fest sustainability fair held in April.

**Driving Required*

Spark-Y

Metro: Minneapolis

Goal: Improve youth access to local foods, deepen youth understanding of environmental impacts related to food, and engage students and community members in local food production.

MN GreenCorps Member will...

- Coordinate on-site student group's training program and oversee their performance of Urban Ag Lab system maintenance, care, and development.
- Coordinate garden to cafeteria programming at Northeast Elementary school and deliver training to youth participants about the garden, food safety, and harvesting protocols.
- Create and deliver a community workshop about sustainable agriculture for community education.
- Lead a group of summer interns to complete a project addressing a food-related need in the community.

**Driving Required, Personal Vehicle Required*

Living Green

City of Saint Paul

Metro: Saint Paul

Goal: Engage citizens in environmental conservation and improvement through outreach, education, and volunteerism to protect pollinators in Saint Paul.

MN GreenCorps Member will...

- Research, identify, and contact local community groups and events with and interest in education and volunteer activities.
- Develop education curriculum and activities to accompany the Pollinator Bike.
- Lead education activities and present at library and recreation centers, in addition to presenting activities at special events and festivals.
- Recruit and lead volunteers in environmental conservation projects, including garden installations, park land, recreation centers, and library sites.
- Compile and present internal and external reports on engagement member activities.

**Driving Required*

Minnesota Department of Natural Resources (DNR)

Southeast:
Altura

Goal: Develop and coordinate culturally competent watershed education training tools and programs that engage park visitors, volunteers, and the greater community surrounding Whitewater State Park with watershed conservation and stewardship activities.

MN GreenCorps Member will...

- Collaborate with local water-focused agencies to learn about existing education programs and promote collaboration opportunities related to the Waterways Exhibit.
- Develop a training toolkit to equip and empower local volunteers to lead tours and programs that focus on the themes and concepts of the Waterways Exhibit.
- Engage with the public by leading tours and outreach programs in addition to holding trainings to prepare volunteers for leading tours and outreach programs.
- Collaborate with faculty and students at local colleges to develop workshop content for science teachers and teachers-in-training, create toolkit format for engaging science teachers with watershed education tools and resources.
- Co-lead at least two teacher workshops. Visit college classrooms to present a mini-training and share watershed education resources.

**Driving Required*

Climate Generation: A Will Steger Legacy

Metro:
Minneapolis

Goal: Work with Climate Generation's Youth and Education Program teams to increase outreach to environmental clubs and related youth groups at high schools across the state, providing direct mentorship and fostering leadership development to student club leaders that empowers youth-led action projects and community convenings.

MN GreenCorps Member will...

- Planning and facilitation of YEA! MN Core and Network meetings with the goal of supporting a minimum of 10 youth-led action project at 10 different high schools across the state.
- Participation in regular Youth Convening MN meetings with CG staff to prepare for statewide youth convenings.
- Work with CG staff to cultivate new and existing partnerships with high schools and partners across the state.
- Coordinate visits to high schools across the state, providing educational presentations and trainings to support youth-led action projects and youth-led community convenings.

- Conduct follow-up visits to each high school to provide direct coaching on youth-led action projects and convenings, and direct mentorship on leadership development for key youth leaders.

**Driving Required, Personal Vehicle Required*

Environmental Quality Board (EQB)

Metro:
St. Paul

Goal: Provide the framework for greater coordination on pollinator habitat creation, restoration, and enhancement in Minnesota through the creation of an outwardly accessible GIS map of pollinator habitat on public land. Collaborate with external pollinator stakeholder groups to provide education and outreach throughout Minnesota to empower Minnesotans to make a difference in reducing the decline and restoring the health of pollinators.

MN GreenCorps Member will...

- Work with county staff to determine extent of pollinator-friendly habitat, coordinate the sharing of GIS shape files, and provide technical assistance towards pollinator friendly best management practices.
- Create outward-facing GIS map of pollinator habitat on county and state land in the Eastern Broadleaf Forest Ecological Province of MN.
- Participate in the Master Water Stewards Program and incorporate pollinator-friendly practices into capstone projects.
- Create materials, deliver education/outreach on pollinators for citizens, and provide technical assistance to local governments on pollinator protection and local comprehensive planning.

- Coordinate outreach to pollinator stakeholder groups and others interested to help encourage meaningful public attendance at the Governor's Committee on Pollinator Protection meeting that will be held in Greater Minnesota during the summer of 2018.

**Driving Required.*

City of Big Lake

North Central:
Big Lake

Goal: Assist the City in efforts to engage citizens in sustainable messaging and activities to change behavior, encourage sustainable practices, improve infrastructure, increase knowledge, and assist the City of Big Lake to be recognized by the GreenStep Cities Program as a Step 2 City.

MN GreenCorps Member will...

- Attend monthly GreenStep Cities workshops and assist the city with advancing to Step 2 of the GreenStep Cities Program.
- Recruit volunteers and enhance current volunteer engagement at community events.
- Produce surveys to gather sustainability/resiliency data, including a survey of Big Lake Community Members to evaluate needs moving forward.
- Disseminate key messages to city residents, adopt sustainability initiatives, and implement new initiatives and messaging by volunteerism to integrate sustainability and resiliency into practices and decisions throughout the City.

**Driving Required*