It is expected that a Quorum of the Personnel Committee, Board of Public Works, Plan Commission and Administration Committee will be attending this meeting: (although it is not expected that any official action of any of those bodies will be taken)

CITY OF MENASHA
SUSTAINABILITY COMMITTEE
Menasha City Center
100 Main Street
Room 132
February 23, 2023
4:00 PM

AGENDA

A. CALL TO ORDER

B. ROLL CALL/EXCUSED ABSENCES

C. PUBLIC COMMENTS ON ANY MATTER OF CONCERN TO THE SUSTAINABILITY COMMITTEE (five (5) minute time limit for each person)

D. MINUTES TO APPROVE
   1. Minutes of the January 26, 2023 Sustainability Committee Meeting

E. ACTION / DISCUSSION ITEMS
   1. Planning & Communications
      a. SCN and Website http://scn-foxvalley.com/
      b. Earth Day / Arbor Day Celebrations
   2. Transportation
      a. High Cliff Connection
      b. Bike Parking Survey
   3. Land Use
      a. Urban Chickens
   4. Natural Resources
      a. Natural Landscaping & Maintenance
      b. No Mow May
   5. Energy
      a. Comprehensive Energy Planning & Joint Energy Team
   6. Water
      a. Stormwater educational signage
   7. Waste
      a. 2023 Electronics Recycling Events May 6, 2023 and October 7, 2023
   8. Health

F. Future Meeting Dates
   1. March 23, 2023

G. ADJOURNMENT

"Menasha is committed to its diverse population. Our Non-English speaking population and those with disabilities are invited to contact the Menasha City Clerk at 967-3603 24-hours in advance of the meeting for the City to arrange special accommodations."

CITY OF MENASHA
SUSTAINABILITY COMMITTEE
January 26, 2023
Minutes

A. CALL TO ORDER
Meeting Called to order at 4:06 PM by Austin Hammond

B. ROLL CALL
Attending: Austin Hammond, Roger Kanitz, Lindsay Klumpp, Kelsey Parry, Linda Stoll, Kathy Thunes
Also Attending: Mayor Donald Merkes

C. PUBLIC COMMENTS ON ANY MATTER OF CONCERN TO THE SUSTAINABILITY COMMITTEE
None

D. MINUTES TO APPROVE
Motion by Linda Stoll second by Kathy Thunes to approve the minutes of 11-17-2022.
Motion Caries

Motion by Lindsay Klumpp second by Kelsey Parry to approve the minutes of 1-5-2023.
Motion Caries with Linda Stoll abstaining as she was not in attendance at the 1-5-2023 meeting.

E. ACTION / DISCUSSION ITEMS

1. Planning & Communications
    a. SCN and Website http://scn-foxvalley.com
    Contact has been made with Appleton, Fox Crossing, Neenah, Oshkosh, Outagamie County, practices. Meeting scheduled for February 21, 2023 at 4pm at the Menasha Library.
    b. Earth Day Celebration
    Discussion regarding unveiling stormwater signage as part of Earth Day recognition. Participating in Fox Wolf Watershed Alliance cleanup. Electronics Recycling.
    c. Arbor Day Celebration
    Discussion regarding potential projects and locations for the City's 40th Tree City Award including: arboretum, plantings at Barker Park, tree value to community tags, hug a tree contest.

2. Transportation
    a. High Cliff Connection
    Community Foundation has hired a consultant to write grants for planning portion of the project including 114 DOT section and local roads sections.

    b. Bike Parking Survey
    No update

    c. Bird Scooter Menasha 2022 report
    Usage included 1,366 users; 5,523 rides; 10,907 miles. Approximately $600 in income to the City and XX complaints in 2022.

    d. Amtrak Passenger Corridor Identification and Development Program
    Fond du Lac, Oshkosh, Neenah, Menasha, Kaukauna, and Green Bay have sent a letter to Transportation Secretary Thompson requesting that WISDOT submit an application to FRA for the program to study the Milwaukee to Green Bay corridor.

3. Land Use

    a. Urban Chickens
    Ordinance has been reviewed by Board of Health and Sustainability Committee zoning portions of the ordinance still need to go to Plan Commission. Full ordinance is planned to be placed on the February 20th Common Council agenda.

4. Natural Resources

    a. Natural Landscaping and Maintenance
    Green Bay botanical gardens is sponsoring classes on landscaping with native plants.
    Wild Ones conference is the last weekend of January at UW Oshkosh.

    b. No Mow May
    Discussion regarding visibility the program provides increases conversation and debate on the importance of pollinators in the community. A FAQ sheet could be created to provide further educational opportunities.

5. Energy

    a. Comprehensive Energy Planning and Joint Energy Team
    Team consisting of representatives of the City, MJSD, and MU met to discuss applying for OEI grant. OEI Grant will be summited by January 30th.

6. Water

    a. Stormwater Educational Signage
    Signs are in process. Plan for Earth Day 2023 installation.

7. Waste

    a. 2023 Electronics Recycling Events May 6, 2023 & October 7, 2023
    Discuss option for St. Vincent.

8. Health

    a. Farm Fresh Market
    No report

F. Future Meeting Dates
Next meeting February 23, 2023

G. ADJOURNMENT

Motion by Kathy Thunes second by Lindsay Klumpp to adjourn at 5:47 PM
Motion carries.

MEMORANDUM

TO: Sustainability Committee
DATE: 21 February 2023

RE: Arbor Day & Earth Day Activities

Arbor Day

The City of Menasha is celebrating 40 years of being recognized as a Tree City USA by the National Arbor Day Foundation in 2023. It is traditional to celebrate on the last Friday of April (April 28) with a tree planting. This year we plan to celebrate along with UWO-Fox Cities and Menasha Utilities which are celebrating their designation as a Tree Campus and Tree Line Utility.

Being that this is the 40th Anniversary there are several projects being planned:

- Tree Tags at highly visible trees showing value the tree provides. (Month of May) https://forestrynews.blogs.govdelivery.com/2020/09/08/tree-tags-tout-value/
- Tree planting at Barker Farm Park along with painted stencils on the trail identifying tree varieties. (April 28th, 2023)
- Creation of a mini-arboretum at Smith Park labeling 40 varieties of trees & creating a display panel showing locations and other information. (Summer 2023)

The City traditionally plants about 100 new street/park trees each year, we plan to plant a similar number in 2023.

In addition, the City would like to apply for an Urban Forestry Grant to update the City's inventory of approximately 6,000 trees and create an Urban Forestry Management Plan in Fall of 2023. This work would be done by an outside contractor.

Earth Day

The stormwater educations signs that the Sustainability Committee have been working on are complete and will be installed for Earth Day, April 22, 2023.

Plans for the announcement / event are pending at the Committee's discretion.

RESOLUTION R-3-23

A RESOLUTION TO DEVELOP A MULTIMODAL BICYCLE AND PEDESTRIAN CONNECTION FROM MENASHA TO HIGH CLIFF STATE PARK

INTRODUCED BY: Alderman Ropella

WHEREAS, the City of Menasha is interested in developing a multimodal bicycle and pedestrian connection to High Cliff State Park and requires a feasibility study as described in the application for the High Cliff State Trail Corridor: Along STH 114; and

WHEREAS, the City of Menasha has developed portions of the route including the Fox Cities Trestle, Friendship Trail though Jefferson Park, and Plank Road Trail beginning in the early 2000's; and

WHEREAS, there are undeveloped gaps in the route east of Oneida Street including a large segment along STH 114; and

WHEREAS, financial aid is required to carry out the project.

NOW, THEREFORE, BE IT RESOLVED, that the City of Menasha has secured a sum sufficient to complete the project described in the grant.

HEREBY AUTHORIZES Megan Sackett**,** Parks and Recreation Director, to act on behalf of the City of Menasha to:

- submit an application to the State of Wisconsin Department of Transportation for any financial aid that may be available;
- submit reimbursement claims along with necessary supporting documentation within 6 months of project completion date;
- submit signed documents;
- take necessary action to undertake, direct and complete the approved project.

BE IT FURTHER RESOLVED, that the City of Menasha will:

- comply with state or federal rules for the programs;
- will obtain from the State of Wisconsin Department of Transportation approval prior to starting any work on the project.

[Signatures to follow]

Passed and approved this _____ day of _____, 2023.

Recommended by:

_____

Motion/Second:

_____

Pass/Fail: _____

Requires: ____Majority Vote
____ 2/3 Vote

_____
Donald Merkes, Mayor

ATTEST:

_____
Haley Krautkramer, City Clerk

ORDINANCE O-1-23

AN ORDINANCE AMENDING TITLE 7, CHAPTER 1, SEC. 7-1-13 OF THE CODE OF ORDINANCES

INTRODUCED BY: Ald. Tom Grade and Ald. Austin Hammond

The Common Council of the City of Menasha does hereby ordain as follows:

SECTION 1: Amend Title 7, Chapter 1, SEC 7-1-13 of the Code of Ordinances of the City of Menasha, Wisconsin, creating subsection (D) KEEPING OF CHICKENS IN THE CITY as follows:

Title 7 - Licensing and Regulation

Chapter 1

Licensing of Dog, Cat, or Ferret and Regulation of Animals

…

SEC 7-1-13 PROHIBITED AND PROTECTED ANIMALS, FOWL, REPTILES, AND INSECTS

…

(D) **KEEPING OF CHICKENS IN THE CITY**. In addition to all other regulations in this Chapter, the following shall apply to the keeping of chickens within the City.

(1) **Definitions.** The following terms, when used in this section, shall have the meanings set forth below:

a. **Chicken**—a domestic chicken of the sub-species Gallus gallus domesticus.
b. **Keep—**the owning, keeping, possessing, or harboring of a chicken.
c. **Rooster**—a male chicken of any age, including a capon or otherwise neutered male chicken.
d. **Coop**—a new or existing enclosed accessory structure designed or modified for the keeping of chickens and meeting the requirements of this section.
e. **Chicken Run**—a fenced cage attached to a coop.
f. **Hen**—a female chicken of any age.
g. **Front Yard —**A front yard shall be as defined by the City of Menasha Zoning Code under Title 13.

(2) **Permit Required.**

a. Any person who keeps chickens on land in the City which the person owns, occupies, or controls shall first obtain an initial zoning permit issued by the Community Development Department. A permit application shall be accompanied by an application, an application fee as established by resolution of the Common Council, specification of the proposed coop/run, and a site plan. Upon the issuance of an initial zoning permit, an initial inspection of the coop shall be certified by the Health Officer and/or designee prior to the occupancy of chickens.

b. All permit applications shall be accompanied by satisfactory evidence that the applicant has registered the proposed location with the Wisconsin Department of Agricultural Trade and Consumer Protection pursuant to Wis. Stats. §95.51 and ATCP 17 Wis. Admin. Code.

c. One permit shall be permitted per R-1 Single Family Residence District, R-1A Low Density Single Family Residential District and R-2 Two-Family Residence District zoned parcel.

d. Any person other than the recorded title owner looking to permit chickens shall first provide written consent of the property owner with the zoning review application.

e. Following the initial approval of a permit, any person who continues to own, harbor, or keep chickens, shall annually prior to January 1, of each year, pay a license fee and obtain an annual license. The annual fee shall be as established by resolution of the Common Council.

(3) **Keeping of Chickens Allowed.**

a. Up to six (6) chickens are allowed per parcel with a permit.

b. No person shall keep any rooster.

c. Chickens shall be provided with fresh water at all times and adequate amounts of feed.

d. Coops shall be constructed in a workmanlike manner, be moisture-resistant, shall either be raised up off the ground or placed on a hard surface, and be adequately weather proofed and insulated to allow the comfortable living of chickens within the coop year-round.

e. Coops with or without a chicken run shall be constructed and maintained to reasonably prevent the collection of standing water and shall be cleaned of hen droppings, uneaten feed, feathers, and other waste daily and as is necessary to ensure the coop and yard do not become a health, odor, or other nuisance. All feed containers shall be vermin-proof.

f. Coops shall be large enough to provide at least three (3) square feet per chicken. Coops and chicken runs shall have an aggregate maximum of sixty-four (64) square feet and the height of the coop shall not exceed seven (7) linear feet as measured from the ground.
g. No chicken coop shall be located closer than twenty (20) feet to any principal residential structure on an adjacent lot. All coops and runs shall be located at least three (3) feet off of the side and back yard property line.
h. No chicken coop shall be located in the Front Yard of a property as defined herein.
i. In addition to compliance with the requirements of this section, no person shall keep chickens that cause any other public nuisance as defined by Title 11 of the Menasha Code.

(4) **Public Health Requirements.**

a. Upon the Health Officer and/or designee having reasonable suspicion of any coop or run having unhealthy or unsanitary conditions, any permit or license holder shall allow the Health Officer and/or designee to inspect the conditions of the coop and/or chickens upon reasonable notice (no less than 24 hours' notice). The Health Officer and/or designee shall provide notice to the permit or license holder to cure any violations found. Failure to correct said violations may result in the revocation of the permit per Section (5) below.
b. Chickens shall be kept and handled in a sanitary manner to prevent the spread of communicable diseases among birds or to humans.
c. Any person keeping chickens shall immediately report any unusual or sudden death or illness of chickens to the City of Menasha Health Department.
d. The Health Officer may order testing, quarantine, isolation, vaccination, or humane euthanasia of ill chickens or chickens believed to be a carrier of a communicable disease. The owner of the chicken shall be responsible for all costs associated with the procedures ordered hereunder.
e. No person may slaughter any chickens within the City.
f. Sale of Eggs and Baby Chicks Prohibited. No person may offer to sell eggs or chicks accumulated from the activities permitted hereunder.
g. The breeding of any chickens is strictly prohibited.

(5) **Permit Revocation.** A permit is subject to revocation by the Health Officer and/or designee upon failure to comply with any provisions of sub. (3) or (4). Such revocation is subject to appeal by the Board of Health, upon the aggrieved filing an appeal request within thirty (30) days of the revocation with the Board of Health. Once a permit is revoked, a permit shall not be reissued.

SECTION 2: This amending Ordinance shall take effect upon passage and publication as provided by law.

Passed and approved this ____ day of _____, 2023.

Recommended by:
_____

Motion/Second:
_____

Vote: _____

Pass/Fail: _____
Requires: __Majority Vote

_____
Donald Merkes, Mayor

ATTEST:

_____
Haley Krautkramer, City Clerk

ORDINANCE O-02-23

AN ORDINANCE AMENDING TITLE 13, CHAPTER 1 OF THE CODE OF ORDINANCES (R-1 Single Family Residence District, R-2 Two-Family Residence District, and Low Density R-1A Single-Family Residential District Accessory Uses)

INTRODUCED BY Alderperson Tom Grade and Alderperson Austin Hammond.

The Common Council of the City of Menasha does hereby ordain as follows:

SECTION 1: Amend Title 13, Chapter 1, Article C of the Code of Ordinances of the City of Menasha, Wisconsin as follows:

SEC. 13-1-25 R-1 SINGLE FAMILY RESIDENCE DISTRICT.

…

(e) **GARAGES, ACCESSORY BUILDINGS AND USES.**

(1) One (1) detached garage. Such garage may be constructed in addition to the garage space within the principal structure.

(2) One (1) accessory building.

(3) Any of the following accessory uses:

a. One (1) private swimming pool.

b. One (1) private tennis court.

c. One (1) satellite antenna/dish.

d. One (1) detached solar structure.

e. One (1) chicken coop.

…

SEC. 13-1-26 R-2 TWO FAMILY RESIDENCE DISTRICT.

…

(e) **GARAGES, ACCESSORY BUILDINGS AND USES.**

(1) One (1) detached garage per dwelling unit. Such garage may be constructed in addition to the garage space within the principal structure.

(2) Any of the following accessory uses per dwelling unit:

a. One (1) private swimming pool.

b. One (1) private tennis court.

c. One (1) satellite antenna/dish.

d. One (1) detached solar structure.

e. One (1) chicken coop.

…

SEC. 13-1-39 LOW DENSITY R-1A SINGLE-FAMILY RESIDENTIAL DISTRICT.

…

(e) **GARAGES, ACCESSORY BUILDINGS AND USES.**

(1) One (1) detached garage. Such garage may be constructed in addition to the garage space within the principal structure.

(2) One (1) accessory building.

(3) Any of the following:

a. One (1) private swimming pool.

b. One (1) private tennis court.

c. One (1) satellite antenna dish.

d. One (1) detached solar structure.

e. One (1) chicken coop.

…

SECTION 2: This amending Ordinance shall take effect upon passage and publication as provided by law.

Passed and approved this ____ day of _____, 2023.

Recommended by:
_____

Motion/Second:
_____

Vote: _____

Pass/Fail: _____
Requires: __Majority Vote
__ 2/3 Vote

_____
Donald Merkes, Mayor

ATTEST:

_____
Haley Krautkramer, City Clerk

Wild Ones®
NATIVE PLANTS, NATURAL LANDSCAPES
FOX VALLEY AREA

2023 Native Plant, Tree & Shrub Sale

Orders Due: **Friday, March 31** *(Get your orders in early, some quantities are limited)*

Pick Up: **Saturday, May 20 • 9 am–2 pm WILD Center**

Directions to WILD Center *(2285 Butte des Morts Beach Rd., Neenah, WI 54956):*
From Hwy 41, take Exit 136, drive east on BB (Prospect Ave) to right onto Northern Rd, then left onto Stroebe Rd. Off Stroebe Rd, turn right onto Butte des Morts Beach Rd.

Nursery-propagated native perennial plants are typically in 4-inch pots, 1- to 2-year growth. Plants are $6.50 each or tray of 12 same species (example: 12 butterflyweed) at $5.50 each. There are some plants which sell for another price. See asterisks. Trees, shrubs and vines are in 1, 2, 3 or 5 gal pots as noted. Species priced individually. Pre-Order recommended. Over-the-counter native plants sale for $7.00 each. We are again partnering with the Outagamie County Master Garden Assoc and Paper Valley Garden Club with 4th Annual Plant Sale Trail. Visit us online at **foxvalleyarea.wildones.org**.

1. **Complete** and mail the original form.
2. **Copy** your order for your records.
3. **Make check payable to:** Wild Ones Fox Valley (credit card orders add 3.5%).
4. **Mail to:** Wild Ones Native Plant Sale, PO Box 385, Appleton, WI 54912.
5. **Discounts** are available for not-for-profit organizations (pre-ordered plants only).
6. **Credit Cards** orders, call Dick Filzen. *Note: a 3.50% service fee will be added for credit card processing.*

Contact Pat Filzen or Dick Filzen at 920-901-9544 or via e-mail at **rlfilzen@twc.com** or **psf4fiber@gmail.com**, with questions or to **help with the plant sale**. Copy this order form for friends and relatives. Downland extra copies at **foxvalleyarea.wildones.org**.

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: Mobile (_____)_____ Home (_____)_____

E-mail: _____

Are you a Wild Ones Member? Yes ❑ No ❑ Chapter:_____

TYPE	QTY	Price
Forbs – Column 1		
Forbs – Column 2		
Ferns etc. – Column 3		
Shrub – Column 1		
Vine & Tree – Column 2		
Return entire form with your check payable to: Wild Ones Fox Valley. TOTAL		

Plant resource classification comes from:

- ***botany.wisc.edu/wisflora***
- ***plants.usda.gov***

For more information, go online to:

- ***northernsunset.com***
  Click on "Learn About Perennials" for info on deer resistant plants, attracting butterflies, how to, etc.

2023 Native Perennial Plant Sale

Orders Due: **Friday, March 31** *(Get your orders in early, some quantities are limited)*

Pick Up: **Saturday, May 20 • 9 am–2 pm WILD Center** *(2285 Butte des Morts Beach Rd., Neenah, WI 54956)*

	NATIVE FORBS		QTY	$6.50
♓♦	Anemone, Meadow *(Anemone canadensis)*	200		
♓	Anemone, False Rue *(Enemion biternatum)*	202		****
♓♦	Aster, Bigleaf *(Aster macrophyllus)*	300		
♏🦋	Aster, Heath *(Aster ericoides)*	61		
♏🦋	Aster, New England *(Aster novae-angliae)*	64		
♏🦋	Aster, Sky-Blue *(Aster azureus)*	60		
♏♦🦋	Aster, Smooth Blue *(Aster laevis)*	62		
♓➶🦋	Aster, White Wood *(Aster divaricatus)*	205		
♓♦	Baneberry, Red *(Actaea rubra)*	194		*
♓♦	Baneberry, White *(Actaea pachypoda)*	193		
♏♦🦋	Black-Eyed Susan *(Rudbeckia hirta)*	117		
♏♦🦋	Black-Eyed Susan, Sweet *(Rudbeckia subtomentosa)*	118		
♏🦋	Blazing Star, Marsh Or Spike *(Liatris spicata)*	100		
♏🦋	Blazing Star, Meadow *(Liatris ligulistylis)*	98		
♏🦋	Blazing Star, Prairie *(Liatris pycnostachya)*	99		
♏🦋	Blazing Star, Rough *(Liatris aspera)*	97		
♓♦🦋	Blue Wood Aster *(Aster cordifolium)*	301		
♦	Bluebells Of Scotland *(Campanula rotundifolia)*	208		
♏♒🦋	Boneset *(Eupatorium perfoliatum)*	87		
♒	Bottle Gentian *(Gentiana andrewsii)*	89		**
♓➶	Bowman's Root *(Gillenia trifoliata)*	224		
♏♦🦋	Brown-Eyed Susan, Sweet *(Rudbeckia triloba)*	119		
♏🦋	Butterfly Weed *(Asclepias tuberosa)*	59		
♓	Canadian Ginger *(Asarum canadense)*	204		
♏♒🦋	Cardinal Flower, Red *(Lobelia cardinalis)*	101		
♦♒♏	Cardinal Lobelia Great Blue *(Lobelia siphilitica)*	102		
♓	Cohosh, Blue *(Caulophyllum thalictroides)*	209		
♓🦋	Columbine *(Aquilegia canadensis)*	57		
♏🦋	Compass Plant *(Silphium laciniatum)*	124		
♏➶	Coneflower, Great *(Rudbeckia maxima)*	241		
♏🦋	Coneflower, Pale Purple *(Echinacea pallida)*	83		
♏♦🦋	Coneflower, Purple *(Echinacea purpurea)*	84		
♏🦋	Coneflower, Yellow Or Greyhead *(Ratibida pinnata)*	116		
♏🦋	Coreopsis, Lance-Leaf *(Coreopsis lanceolata)*	78		
♏🦋	Coreopsis, Prairie Or Stiff *(Coreopsis palmata)*	79		
♏♒🦋	Culver's Root *(Veronicastrum virginicum)*	141		
♏♒🦋	Cup Plant *(Silphium perfoliatum)*	125		
♓	Dutchmen's Breeches *(Dicentra cucullaria)*	216		****
♏	Flowering Spurge *(Euphorbia corollata)*	221		
♓🦋	Foamflower *(Tiarella cordifolia)*	246		
♦♒♏🦋	Golden Alexander *(Zizia aurea)*	144		
~~♦♒♏🦋~~	~~Golden Alexander, Heart Lvd *(Zizia aptera)*~~	~~143~~	*Unavailable in 2021*	
♏♒	Golden Groundsel *(Packera aurea)*	235		
♏♒	Goldenrod, Ohio *(Solidago ohioensis)*	129		
♏🦋	Goldenrod, Riddell's *(Solidago riddellii)*	130		
♏🦋	Goldenrod, Showy *(Solidago speciosa)*	133		
♏🦋	Goldenrod, Stiff *(Solidago rigida)*	131		
♓♏♦🦋	Goldenrod, ZigZag *(Solidago flexicaulis)*	302		
♓🦋	Hepatica, Sharp Lobed *(Hepatica acutiloba)*	226		
♏🦋	Hyssop, Giant Blue Or Anise *(Agastache foeniculum)*	53		
♏🦋	Indigo, Blue False *(Baptisia australis)*	68		
	(Carry Totals Forward to Page 1) **Native Forbs – Column 1 TOTAL**			

	NATIVE FORBS		QTY	$6.50
♏♦🦋	Indigo, Cream Wild *(Baptisia luecophaea)*	70		
♏♒	Iris, Blue Flag *(Iris virginica)*	189		
♏♒	Iris, Larger Blue Flag *(Iris versicolor)*	229		
♏♒🦋	Ironweed *(Vernonia fasciculata)*	140		
♓	Jack In The Pulpit *(Arisaema triphyllum)*	203		****
♓♦	Jacob's Ladder, Creeping *(Polemonium reptans)*	239		
♏♒🦋	Joe-Pye Weed, Spotted *(Eupatorium maculatum)*	86		
♏🦋	Leadplant *(Amorpha canescens)*	56		
♓♒♏	Marsh Marigold *(Caltha palustris)*	260		
♓🦋	Mayapple *(Podophyllum peltatum)*	238		
♓	Merrybells *(Uvularia grandiflora)*	248		
♏➶🦋	Missouri Primrose *(Oenothera macrocarpa)*	233		
♒🦋	Monkey Flower *(Mimulus ringens)*	104		
♏♦🦋	New Jersey Tea *(Ceanothus americanus)*	77		
♏🦋	Nodding Pink Onion *(Allium cernuum)*	55		
♏🦋	Oxeye Sunflower *(Heliopsis helianthoides)*	188		
♏♦🦋	Phlox, Prairie *(Phlox pilosa)*	237		
♏♦🦋	Phlox, Smooth *(Phlox glaberrima interior)*	289		
♦🦋	Phlox, Wild *(Phlox divaricata laphamii)*	236		
♏🦋	Prairie Dock *(Silphium terebinthinaceum)*	126		
♏🦋	Prairie Smoke *(Geum triflorum)*	90		
♏🦋	Purple Prairie Clover *(Dalea purpurea)*	215		
♏🦋	Queen Of The Prairie *(Filipendula rubra)*	222		***
♏🦋	Rattlesnake Master *(Eryngium yuccifolium)*	85		
♓♦🦋	Rock Harlequin *(Corydalis sempervirens)*	214		
♏♦🦋	Royal Catchfly *(Silene regia)*	121		
♓♦♏🦋	Shooting Star *(Dodecatheon meadia)*	217		
♏🦋	Smooth Penstemon *(Penstemon digitalis)*	109		
♏♒🦋	Sneezeweed *(Helenium autumnale)*	91		
♓♦🦋	Solomon's Seal *(Polygonatum biflorum)*	240		
♦🦋	Solomon's Seal, False *(Smilacina racemosa)*	244		
♏♓🦋	Spiderwort *(Tradescantia ohiensis)*	137		
♓🦋	Spring Beauty *(Claytonia virginica)*	212		****
♏♒🦋	Swamp (Red) Milkweed *(Asclepias incarnata)*	58		
♓♦🦋	Thimbleweed *(Anemone virginiana)*	201		
♓🦋	Trillium, Large White *(Trillium grandiflorum)*	247		
~~♓♏➶🦋~~	~~Turks Cap Lily (Lilium superbum)~~	~~230~~	*Unavailable in 2021*	
♦♏🦋	Turtlehead, White *(Chelone glabra)*	210		
♏♒🦋	Vervain, Blue *(Verbena hastata)*	138		
♏🦋	Vervain, Hoary *(Verbena stricta)*	298		
~~♓🦋~~	~~Violet, Marsh Blue *(Viola cucullata)*~~	~~249~~	*Unavailable in 2021*	
♓🦋	Violet, Common Blue Or Wooly *(Viola sororia)*	250		
♏♒🦋	Virginia Bluebells *(Mertensia virginica)*	232		
♏♒🦋	Virginia Mountain Mint *(Pycnanthemum virginianum)*	115		
♏🦋	Whorled Milkweed *(Asclepias vierticillata)*			
♏♦🦋	Wild Bergamot *(Monarda fistulosa)*	105		
♦🦋	Wild Geranium *(Geranium maculatum)*	187		
♏♦🦋	Wild Lupine *(Lupinus perennis)*	103		
♏🦋	Wild Quinine *(Parthenium integrifolium)*	108		
♓♦🦋	Wild Senna *(Senna hebecarpa)*	76		
♏🦋	Wine Cups/Mallow Poppy *(Callirhoe involucrata)*	207		
♦🦋	Wood Poppy *(Stylophorum diphyllum)*	245		
	(Carry Totals Forward to Page 1) **Native Forbs – Column 2 TOTAL**			

KEY

COST – *All plants are $6.50 each except where noted above: **2 quart pots, $10 each, ***1.5 quart pots, $8 each, ****2 inch pots, $5.25 each*

SYMBOLS – ♓ Woodland ♦ Woodland Edge 🦋 Butterfly ➶ Midwest Native - *but NOT from our area* ♒ Wetland, Shoreline ♏ Meadow/Prairie

rev 01/10/23

Visit us online at **foxvalleyarea.wildones.org**

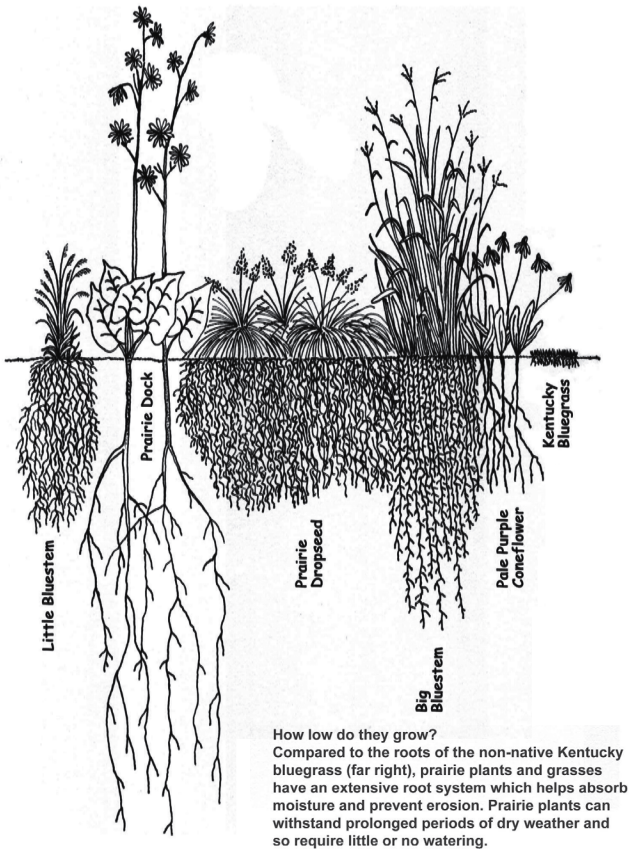
2023 Native Perennial Plant Sale

Orders Due: **Friday, March 31** *(Get your orders in early, some quantities are limited)*

Pick Up: **Saturday, May 20 • 9 am–2 pm WILD Center** *(2285 Butte des Morts Beach Rd., Neenah, WI 54956)*

	FERNS/GRASSES/SEDGES/RUSHES		QTY	$6.50
♓≈	Cinnamon Fern *(Osmunda cinnamomea)*	257		
♓	Hay Scented Fern *(Dennstaedtia punctilobula)*	253		
♓	Interrupted Fern *(Osmunda claytonia)*	258		
♓	Lady Fern *(Athyrium filix-femina)*	252		
♓	Leather Wood Fern *(Dryopteris marginalis)*	254		
♓	Maidenhair Fern *(Adiantum pedatum)*	251		
♓≈	Ostrich Fern *(Matteuccia struthiopteris)*	255		
♓≈	Royal Fern *(Osmunda regalis)*	259		
♓	Sensative Fern *(Onoclea sensibilis)*	256		
♏🦋	Bluestem, Big *(Andropogon gerardi)*	20		
♏🦋	Bluestem, Little *(Schizachyrium scoparium)*	21		
♏🦋	Prairie Dropseed *(Sporobolus heterolepis)*	52		
♦🦋	Side Oats Grama *(Bouteloua curtipendula)*	22		
♏≈🦋	Blue Eye Stout Grass *(Sisyrinchium angustifolium)*	243		
~~♏~~	~~Wild Canadian Rye Grass *(Elymus canadensis)*~~	~~36~~	*Unavailable in 2021*	
♓♦🦋	Bottlebrush Grass *(Hystrix patula)*	44		
♏🦋	Indian Grass *(Sorghastrum nutans)*	50		
♏≈🦋	Prairie Cord Grass *(Spartina pectinata)*	51		
♏≈🦋	Sweet Grass *(Hierochloe odorata)*	43		
♏🦋	Switch Grass *(Panicum virgatum)*	46		
≈🦋	Fox Sedge *(Carex vulpinoidea)*	33		
≈🦋	Palm Sedge *(Carex muskingumensis)*	197		
♏♓	Pennsylvania Sedge *(Carex pensylvanica)*	198		
	Ferns/Grasses/Sedges/Rushes – Column 3 TOTAL *(Carry Totals Forward to Page 1)*			

rev 01/11/23



How low do they grow?
Compared to the roots of the non-native Kentucky bluegrass (far right), prairie plants and grasses have an extensive root system which helps absorb moisture and prevent erosion. Prairie plants can withstand prolonged periods of dry weather and so require little or no watering.

KEY

COST – *All plants are $6.50 each except where noted above: **2 quart pots, $10 each, ***1.5 quart pots, $8 each, ****2 inch pots, $5.25 each*

SYMBOLS – ♓ Woodland ♦ Woodland Edge 🦋 Butterfly ➶ Midwest Native - *but NOT from our area* ≈ Wetland, Shoreline ♏ Meadow/Prairie

Donna's Recommendations

Use these suggestions from Donna VanBuecken, *Plant Sale Coordinator,* to create successful plant communities that fit your garden.

Short Stature *(Monarch Friendly) Sunny - sandy lighter soil*	Shade	Tall Butterfly *(Monarch Friendly) Sunny - moist*	Butterfly/Bird *(Monarch Friendly) Sunny - drier heavy soil*	Sunny Rain Garden *Sunny - moist*	Early Nectar *Shade to Part Shade*
Little Bluestem	Pennsylvania Sedge	Big Bluestem	Prairie Dropseed	Fox Sedge	Blue Eye Stout Grass
Side-oats Grama	Lady Fern	Indiangrass	Little Bluestem	Sweet Grass	Columbine
Sky-blue Aster	Columbine	Culver's Root	Sky-blue Aster	Blue Flag Iris	Wild Phlox
Black-eyed Susan	Smooth Blue Aster	Ironweed	Black-eyed Susan	Great Blue Lobelia	Spring Beauty
Whorled Milkweed	Jack-in-the-Pulpit	Joe-Pye Weed	Butterflyweed	Golden Alexander	Merrybells
Nodding Pink Onion	Merrybells	Mountain Mint	Meadow Blazingstar	Ohio Goldenrod	Common Blue Violet
Showy Goldenrod	Trillium	Sneezeweed	Pale Purple Coneflower	Spike Blazingstar	Virginia Bluebells
Pale Purple Coneflower	Wild Geranium	Spike Blazingstar	Riddell's Goldenrod	Swamp Milkweed	Wild Geranium
Rough Blazing Star	Zig Zag Goldenrod	Swamp Milkweed	Wild Bergamot	White Turtlehead	Jacob's Ladder

✓ Return original form with your check.

✓ Please make a copy for your records.

✓ Orders Due: Friday, March 31
(Get your orders in early, quantities may be limited)

✓ Pick-Up: Saturday, May 20, 9 am–2 pm at WILD Center

2023 Native Tree & Shrub

NATIVE PLANTS, NATURAL LANDSCAPES

FOX VALLEY AREA

Orders Due: **Friday, March 31** *(Get your orders in early, some quantities are limited)*
Pick Up: **Saturday, May 20 • 9 am–2 pm**
at **WILD Center**, 2285 Butte des Morts Beach Rd., Neenah, WI 54956

Directions: *From Hwy 41, take Exit 136, drive east on BB (Prospect Ave) to right onto Northern Rd, then left onto Stroebe Rd. Off Stroebe Rd, turn right onto Butte des Morts Beach Rd.*

Soil Type	Sun Light	Notes	SHRUBS (S)		Pot Size	Price	Qty	
M-D	FS, P	B, W	Running Serviceberry *(Amelanchier stolonifera)*	S	#2	$27.00		
M-W	FS, P	B, P	Glossy Black Chokeberry *(Aronia melanocarpa var. elata)*	S	#2	$24.00		
W-M	FS, P	P	Buttonbush *(Cephalanthus occidentalis)*	S	#2	$24.00		
W-M	FS, P	B, W	Silky Dogwood *(Cornus amomum)*	S	#2	$21.00		
W-M	FS, P		Redosier Dogwood *(Cornus sericea)*	S	#2	$24.00		
M-D	FS, P	B, W	American Filbert *(Corylus americana)*	S	#2	$24.00		
R/WD/M	FS, P	B, BF	Beaked Hazelnut *(Corylus cornuta)*	S	#2	$39.00		
W-D	FS	B	Bush Cinquefoil *(Dasiphora fruticosa)*	S	#2	$24.00		
M-D	FS-S		Dwarf Bush Honeysuckle *(Diervilla lonicera)*	S	#2	$24.00		
M-D	FS-S	W	Common Witchhazel *(Hamamelis virginiana)*	S	#2	$30.00		
R/W-M	FS, P	B	Female Winterberry *(Ilex verticillata 'Female')*	S	#2	$42.00		
R/W-M	FS, P	P	Male Winterberry *(Ilex verticillata 'Male')*	S	#2	$33.00		
D	FS	B	Oldfield Common Juniper *(Juniperus communis var. depressa)*	S	#2	$39.00		
M-D	FS, P	B, W	Common Ninebark *(Physocarpus opulifolius)*	S	#2	$24.00		
W-M	P		Alderleaf Buckthorn *(Rhamnus alnifolia)*	S	#1	$15.00		
WD/M-D	FS	B, P, D, W	Fragrant Sumac *(Rhus aromatica)*	S	#2	$24.00		
WD/M-D	FS	B, P, W	Staghorn Sumac *(Rhus typhina)*	S	#2	$21.00		
M-D	FS-S	B	American Black Currant *(Ribes americanum)*	S	#2	$24.00		
W-M	FS-S	B, P, W	Swamp Rose *(Rosa palustris)*	S	#3	$48.00		
M-D	FS-S	P, W	Thimbleberry *(Rubus parviflorus)*	S	#2	$27.00		
W-M	FS-S	B, P, W	American Elderberry *(Sambucus canadensis)*	S	#2	$33.00		
WD/M	FS-S	B, P, W	Scarlet Elderberry *(Sambucus pubens)*	S	#2	$33.00		
W-M	FS, P	P	Meadowsweet *(Spiraea alba)*	S	#2	$24.00		
M	FS, P	B, BF, P	Steeplebush *(Spiraea tomentosa)*	S	#2	$24.00		
M/WD	FS-S		Bladdernut *(Staphylea trifolia)*	S	#2	$27.00		
WD/M-D	FS-S	B, D	Common Snowberry *(Symphoricarpos albus)*	S	#2	$24.00		
M/D	FS, P	B	Witherod Viburnum *(Viburnum cassinoides)*	S	#2	$30.00		
WD/M	FS, P	B, P	Nannyberry Viburnum *(Viburnum lentago)*	S	#3	$33.00		
M-D	FS-S	B	Rafinesque Viburnum *(Viburnum rafinesquianum)*	S	#3	$33.00		
			(Carry Totals Forward to Page 1) **Shrubs - Column 1 TOTAL**					

Soil Type	Sun Light	Notes	VINES (V) & TREES (T)		Pot Size	Price	Qty	
WD/M	FS-S	B, BF	Balsam Fir *(Abies balsamea)*	T	#5	$82.50		
R/W-M	FS-S	B	Silver Maple *(Acer saccharinum)*	T	#5	$67.50		
R/WD/M	FS-S	B, W	Sugar Maple *(Acer saccharum)*	T	#5	$75.00		
WD/M	FS-S	B	Mountain Maple *(Acer spicatum)*	T	#5	$82.50		
W-M	FS-S	BF	Speckled Alder *(Alnus incana var. rugosa)*	T	#2	$25.50		
M-D	FS-S		Yellow Birch *(Betula alleghaniensis)*	T	#5	$75.00		
W	FS-S		Bog Birch *(Betula pumila)*	T	#5	$75.00		
R/WD/M	FS-S	B, P ,W	Musclewood *(Carpinus caroliniana)*	T	#5	$75.00		
WD/M-D	FS-S	B, W	Shagbark Hickory *(Carya ovata)*	T	#5	$127.50		
M-D	FS-S	B, BF, W	Hackberry *(Celtis occidentalis)*	T	#5	$82.50		
R/WD/M	FS, P	B, P, W	Pagoda Dogwood *(Cornus alternifolia)*	T	#2	$26.25		
W-M	FS, P	B, P, W	American Beech *(Fagus grandifolia)*	T	#5	$127.50		
R/M	FS		Butternut *(Juglans cinerea)*	T	#5	$82.50		
M-D	FS, P		Black Walnut *(Juglans nigra)*	T	#5	$75.00		
M-D	FS	B, D	Eastern Redcedar *(Juniperus virginiana)*	T	#5	$67.50		
W-M	FS, P	B, BF	Tamarack *(Larix laricina)*	T	#5	$75.00		
M-D	FS	B, P, W	Prairie Crabapple *(Malus ioensis)*	T	#5	$82.50		
WD/M-D	FS-S	B	Ironwood *(Ostrya virginiana)*	T	#5	$82.50		
M-D	FS		Eastern White Pine *(Pinus strobus)*	T	#5	$60.00		
W-D	FS-S	B, BF, W	Quaking Aspen *(Populus tremuloides)*	T	#5	$67.50		
D	FS	B, BF, P, W	Pin Cherry *(Prunus pensylvanica)*	T	#5	$75.00		
M-D	FS, P	B, P, W	Chokecherry *(Prunus virginiana)*	T	#1	$16.50		
D	FS	B, P	Hills Oak *(Quercus ellipsoidalis)*	T	#5	$90.00		
WD/M	FS-S	B, P	Bur Oak *(Quercus macrocarpa)*	T	#5	$90.00		
R/WD/M	FS, P	B, P, W	Red Oak *(Quercus rubra)*	T	#5	$90.00		
W-M	FS, P		Northern White Cedar *(Thuja occidentalis)*	T	#5	$82.50		
M-D	FS	BF	Prickly Ash *(Zanthoxylum americanum)*	T	#5	$75.00		
M-D	FS, P	B, W	American Bittersweet *(Celastrus scandens)*	V	#1	$20.00		
M-W	FS, P	D, W	Virgin's bower *(Clematis virginiana)*	V	#1	$20.00		
M	PS	B, P	Carrion-flower *(Smilax herbacea)*	V	#1	$20.00		
M-D	P, S	B,P	Limber Honeysuckle *(Lonicera dioica)*	V	#2	$22.50		
			(Carry Totals Forward to Page 1) **Vines and Trees - Column 2 TOTAL**					

KEY

SOIL: **R** = Rich, **WD** = Well Drained, **D** = Dry, **M** = Mesic, **W** = Wet
NOTES: **B** = For Birds, **BF** = For Butterflies, **D** = Deer Resistant, **W** = Black Walnut Tolerant
SUNLIGHT: **FS** = Full Sun, **P** = Partial Sun, **S** = Shade
POT SIZE: **#1** = 1 Gallon, **#2** = 2 Gallon, **#3** = 3 Gallon, **#5** = 5 Gallon

PRE-ORDERS ONLY. NO trees or shrubs available for purchase the day of pickup. Trees and shrubs are NOT guaranteed.[1] For tree information go to: **jniplants.com**.
If you are looking for trees and shrubs not listed on this order form, it may be possible to get a larger size (10 gal) of the species from the Nursery. Prices will be substantially higher as well. Call Everett Grosskopf at 920-470-6325 for more info.

[1]*The Wild Ones Fox Valley Area Chapter makes no warranty on merchantability or other warranties express or implied. All material is sold as being true to form and species, and it is in good condition. All orders are subject to crop conditions. The order is void should injury befall the nursery stock from natural events, inventory error, or other cause beyond our control prior to pick-up. In this case, purchaser may choose other species of equal value or request a refund.*

Grant Application Details

Grant Id : 17

Grant Type

Energy Innovation Grant Program (EIGP)

Grant Year

2022

Grant Name

2022 Energy Innovation Grant Program

Docket ID

9709-FG-2022

Project Name

Menasha Joint Energy Planning

Project Description

Creating a Comprehensive Energy Plan is our community's next step in meeting our energy goals for today and into the future. While the city, school district, and utility have made progress through their efforts, it is essential to collaborate on a plan that will meet the needs of the community at large. The energy plan will incorporate community feedback and identify strategies for building efficiency and electrification, renewable energy, and fleet electrification.

Activity Type

Comprehensive Planning Multiple Applicants

Grant Amount Requested

$99,500.00

Recipient & Partner Contributions

$15,200.00

Total Project Cost

$114,700.00

Recipient & Partner Contributions

Grant Amount Requested

$99,500.00

Recipient & Partner Contributions

$15,200.00

Total Project Cost

$114,700.00

Name of Contributor	Cash	Salary	In Kind	Description

Grant Application Communities Served

County	Municipality
Calumet	Menasha (City)
Winnebago	Menasha (City)

Grant Application Budget

	Grant Funded	Contribution Funded	Notes
Contractual, Consultant fees	$99,500.00	$5,000.00	slipstream labor
Equipment	$0.00	$0.00	
Labor (Salary)	$0.00	$10,200.00	in kind labor & fringe
Labor (Fringe)	$0.00	$0.00	
Other	$0.00	$0.00	
Supplies	$0.00	$0.00	
Travel	$0.00	$0.00	
Indirect	$0.00	$0.00	

Grant Questions

1 Provide the Universal Entity Identifier (UEID) of the applicant organization.

D15XJ613QTG9 City of Menasha
GNBJYWGRAM26 Menasha Utilities

2 Identify and provide the roles and responsibilities of any project partners or key stakeholder groups.

The City of Menasha, Menasha Joint School District, Menasha Utilities, Neenah-Menasha Fire Rescue, and the Menasha Sustainability Committee will collaborate on this project. Slipstream will serve as a technical contractor in the development of the plan. The inclusion of all relevant governmental entities in the city will ensure widespread support of the development and implementation of the Comprehensive Energy Plan.

The City of Menasha will serve as the project lead with support and input from the Menasha Joint School District, Menasha Utilities, and Neenah-Menasha Fire Rescue. All four entities will support data collection efforts, facilitate survey outreach, and engage in goal development through facilitated stakeholder discussions. All four of these organizations are part of the Menasha Joint Energy Team, which meets periodically to discuss joint energy planning efforts.

Slipstream will lead most of the project tasks, including developing of a community survey, technical analysis of electrification and renewable energy options, and facilitation of joint goal-setting meetings with the Menasha Joint Energy Team. The tasks that Slipstream will lead are described in more depth below:

Task 1: Community outreach and stakeholder-facilitated discussions
Outreach will include a survey for residents and businesses to ask for their initial input on

viewpoints on sustainability, priorities for the community, and challenges. The survey will be deployed through utility, city, and school district contact lists. The second piece of this will be four facilitated discussions between the Menasha Joint Energy Team led by Slipstream to determine goals for energy and how specific strategies can help meet those goals. Most of the meetings would occur in the first half of the project to help inform strategies.

Task 2: Benchmarking and baseline energy use
The goal will be to compile building data from EnergyStar Portfolio Manager with other operational energy use data in a spreadsheet or dashboard for ongoing use. The task will also work to identify ways to benchmark buildings with use types not included in EnergyStar Portfolio Manager. Lastly, Slipstream will audit up to four buildings.

Task 3: Goal analysis
Slipstream will use the goals defined in the facilitated discussions, energy data analysis and building information to identify specific opportunities. These strategies will go beyond low-hanging energy efficiency opportunities to evaluate mechanical system upgrades and electrification pathways. Slipstream will also explore solar and battery storage systems and the electrification of light-duty vehicles, school buses, and fire trucks. These strategies will also include a high-level analysis of potential policy options.

Task 4: Final reports
The final deliverables will include a roadmap with strategies identified and a tool for tracking progress after the planning process ends.

3 Provide specific, measurable objectives that describe the desired results of the project. For each objective, identify metrics to measure its progress and success.

The following objectives and metrics will guide this project s progress and success:
1. Facilitate four stakeholder discussions with 90 percent participation from the Menasha

Joint Energy Team. Stakeholder discussions result in 3 to 5 specific guiding principles and goals for the energy plan and strategy identification.
2. Engage Menasha community members through a survey with at least a 5 percent response rate.
3. Develop a baseline energy use profile for each partner and identify a tool to track ongoing progress and energy use over time. Energy use includes all operations, fleet, and building energy use. It is measured by the existence of robust, user-friendly tool at the end of the project performance period.
4. Identify renewable energy opportunities for all partners. Identify at least 5 solar PV or solar PV and battery opportunities.
5. Develop electrification and energy efficiency strategies for all partners and audit at least four buildings and inventory the mechanical systems at most buildings. Identify 5 strategies per partner in the roadmap.
6. Create a fleet transition plan for the next 8 to 12 years for each partner with priority vehicles identified.
7. Identify at least three ways the partners can educate community members on past actions or future actions. Could be through ground-mounted solar, flyers on electrification within buildings, or fleet show-and-tell.

4 Provide a list of any reference materials included in the Uploads Tab.

" Letters of commitment and support
" Slipstream qualifications and resumes
" Resolution R-21-08 Resolution Supporting the Creation of Office of Energy Independence
" Resolution R-23-09 Implementing Community-Wide Energy Program
" Resolution R-24-19 Continued Commitment of Municipal-Wide Energy Management Policy
" City of Menasha 2021-2041 Comprehensive Plan
" Menasha Joint School District Policy on Conservation of Natural and Material Resources
" Smart Energy Provider Application

" WPPI At-a-Glance

5 Provide the information to demonstrate the eligibility of the Applicant and the acknowledgement of ARRA applicability to the project. Demonstrate how the Applicant s organizational and staff experience will assist them to achieve the objectives.

Menasha is a city in Wisconsin and is eligible for the Energy Innovation Grant program. Menasha School District is a school district and is a separate tax entity and governmental body from the city. Neenah-Menasha Fire Rescue provides fire services to both Menasha and Neenah and is a separate organization from the city of Menasha. Lastly, Menasha Utilities, a WPPI utility, is a separate organization. As the ARRA requirements are not applicable as the project is limited to a planning study and will not involve the purchase of manufactured goods, employment of laborers or mechanics, or changes to historical, archeological, or cultural resources. Additional proof of eligibility can be provided upon request.

The project partners in Menasha have been leading energy efforts across their organizations for the last several years. They all have experience analyzing energy data and helping outside consultants identify carbon reduction strategies.

We will also contract with Slipstream, who will provide technical, planning, writing, and project management assistance. Slipstream s key staff will include Jeannette LeZaks, Maddie Koolbeck, Kevin Frost, and Dan Streit. See detailed resumes and organization qualifications in the Reference Materials section.

6 Provide a cost basis for each line item on which costs were entered on the Budget Tab. Identify what costs or portions thereof are anticipated to be grant-funded or funded by

the applicant, or its partners (cost share or match).

Most of the budget, $99,500, is for Slipstream to provide technical assistance and energy planning support to the city. Slipstream pledged an additional $5,000 in-kind labor cost share to support these efforts.

The other category is representative of in-kind labor the city and other partners will perform. The City of Menasha has committed 50 hours across its staff members, which amounts to $3,000 in in-kind labor match. Menasha Joint School District, Neenah-Menasha Fire Rescue and Menasha Utilities have all pledged 40 in-kind labor hours. This amounts to $2,700 from Menasha Joint School District, $1,500 from Neenah-Menasha Fire Rescue, and $3,000 from Menasha Utilities in match.

The Sustainability Committee will also contribute to this project with in-kind labor. The Sustainability Commission will join facilitated discussions on goals and help draft and distribute the community survey.

Focus on Energy has also indicated its support for this project. They will help identify applicable incentives for identified opportunities and provide ongoing feedback during the planning process.

7 Describe any expected savings associated with operations and maintenance and its impact on financial outcomes, labor, or other resources. As applicable, describe the expected payback from the grant activities and the methodology used to calculate it.

The planning process will not generate any immediate cost savings. However, the opportunities identified in the final roadmap will have the ability to generate significant cost savings for the municipal government, school district, and fire district. The cost savings will

accrue several years into the future as the energy plan aims to identify larger electrification, efficiency, and renewable energy opportunities.

Energy and cost-saving measures will be identified directly for the project partners. The annual cost savings for the project partners will allow them to keep rates low for residents and utilize the money to provide other services to community members.

We will calculate each measure s payback period and savings-to-investment ratio when possible. Using a savings-to-investment ratio calculation will allow us to account for occasional maintenance costs and non-energy benefits. Non-energy benefits include the monetary value of avoided carbon emissions and air quality pollutants, as well as the value of improved resiliency for the battery systems. We will calculate a cost-effectiveness ratio that includes only direct financial benefits (energy savings) and a ratio that includes all societal benefits as defined above.

8 Describe the effectiveness of the project in saving or producing clean energy in terms of kilowatts, kilowatt hours, therms, gallons of gasoline, etc.

This energy planning process will not generate immediate energy or carbon savings. However, we will estimate the expected carbon and energy savings from each recommended strategy throughout the planning process. We plan to generate robust estimations for each partner for the specific measures recommended using our modeling and well-cited emissions factors. As an initial estimate, the opportunities identified will have the potential to lower building energy use by 5% to 20% over the next ten years. Based on current usage across the partners, this amounts to between 262,000 and 1,048,730 kWh, or 113 to 454 metric tons of carbon avoided.

Combined with the electrification of the buildings, fleet, and renewable energy opportunities, the overall carbon reduction could be as high as 30 to 35% by 2030. As the

grid becomes cleaner and electrification measures are installed, this percentage could be even higher.

9 Demonstrate the equity and energy justice impacts of the proposed project. Impact may be demonstrated through response to a particular need, direct engagement, jobs created, emissions avoided or other metric.

The proposed planning project will focus on energy and emissions reductions in municipally owned buildings and operations and seeks to lead the community toward improved energy efficiency through its example and direct engagement with the community.

The first task in the planning process will be to conduct a broad survey of Menasha residents to identify trends within a community that may hold diverse viewpoints on how the City, School District, and Utility should pursue energy and emissions reductions.

The survey questions will extend beyond views on how the partners should pursue energy savings within their facilities and operations. We will use this process to improve our understanding of how energy burden is experienced across the community. Through engagement with the community, we will also develop an understanding of the partners of the community s views on both the current impacts of climate change on the community and potential future threats to the community that climate change poses.

We will deploy the survey through channels that apply across demographic and socioeconomic boundaries, such as school newsletters and utility bill inserts, to ensure that the survey results reflect the perspectives of a diverse array of community members.

Starting the project with a broad and representative community engagement process will guide multiple aspects of the subsequent energy planning tasks and policy and operational development by the partners outside of the energy planning project. Possible benefits of

community engagement that will increase the equity and energy justice impacts of the project may include:
" Identify partner facilities and fleet operations that produce emissions community members perceive impairing local air quality.
" Guide policy development intended to encourage community-wide energy savings to ensure that adopted policies focus opportunities on those community members who suffer from the greatest levels of energy burden.
" Inform infrastructure and capital planning so that future development addresses climate change threats identified by community members.

10 Describe why EIGP funding is needed for the project, including the likelihood of the project to move forward with and without it. Provide additional description of the funds and investments that would be leveraged by an Energy Innovation Grant.

The City of Menasha, Menasha Utilities, and Menasha Joint School District have completed multiple energy efforts throughout the previous several years. These efforts include adding energy data to ENERGYSTAR Portfolio Manager and working with Focus on Energy to conduct audits and implement efficiency items. Over the last two years, as we worked to extend these initial efforts into the next phase of reductions, we have discovered the need for advanced technical assistance to develop a robust and comprehensive plan. The city, utility, and school district have moved forward with these efforts as far as we can. Given the city s budget and resource constraints, the grant money is needed to access the technical and planning assistance required for creating a comprehensive and encompassing plan.

We expect the opportunities identified in this plan to significantly impact the city and school district budget and allow the city and school district to reinvest the money in additional opportunities. The city and school district plans to fund future activities by using the money saved from energy efficiency opportunities. This includes alternative energy sources and the purchase of EV fleet vehicles.

As the city and school district implements the measures identified in the plan, it will use local businesses and labor for installation and technical assistance. The use of these companies will generate positive economic stimulus. Action across the community will only boost this economic activity, and creating a regional clean energy economy can make Menasha an attractive place to call home.

11 Provide evidence of underway or existing energy planning and its impact on the likelihood of achieving success in the project. Applicants may list previous endeavors to illustrate their current or past efforts.

Sustainability has been an essential consideration in Menasha for nearly two decades. In 2007, Menasha passed a resolution to create a Sustainability Board to guide the implementation of sustainability and energy efficiency measures. In 2008, the City of Menasha supported and adopted the 25x25 goals and became a community partner with the Office of Energy and Independence. With this initial resolution, there was a commitment to reduce the demand for electricity, water, and natural gas by 10%. This municipal-wide energy management policy was reconfirmed in 2019 to reduce energy by 5% within the next 5 years.

To help hit these various energy goals, the city, utility, and the school district have steadily been making progress on their efficiency goals by implementing many projects at their facilities over many years. The focus has been converting lighting to LEDs in buildings and streetlights and adding more efficient HVAC equipment and building controls. The partners also work with energy efficiency new construction programs when constructing new buildings.

In addition to these efforts, the city, utility, and school district have also worked to compile building energy data to benchmark against similar buildings and across time. All the school district, utility, fire departments, and city buildings have been entered into EnergyStar

Portfolio Manager. The school district has also worked closely with Focus on Energy to complete energy audits on all its schools over the last decade and implement energy-savings measures. These efforts by the school district have led to savings of 850 therms of natural gas and close to 1,000 megawatt-hours.

Lastly, the city, fire district, and school district has installed a few solar photovoltaic systems at select buildings. The city has installed a system at the newly constructed Public Works Facility, and the fire district has added a system at the Neenah-Menasha Fire Station #36. The school district installed a teaching/demonstration solar PV and weather station at the Maplewood Middle School, which educators use at the school.

In the last year, each of these entities identified a need for a more detailed roadmap for energy efforts to build on these previous efforts and go beyond the initial opportunities. This grant serves that purpose and is a crucial next step in their planning efforts.

12 Describe whether the project impacts energy resiliency, the capacity to recover more quickly in the event of an energy outage. For example, explain the context within which your project adds to the resiliency of the applicant s facility, community, etc.

As climate change increases the possibility of extreme weather and resulting outages, the project partners are interested in exploring solar PV paired with battery energy storage systems to address resiliency. In the survey, the team will ask community members about their interest in community resiliency centers to understand which buildings could serve as community centers.

Slipstream will work with the city to understand which buildings house critical functions and which are good candidates for community centers. Two school buildings are already designated shelters during an emergency, so the analysis will include how to add solar PV and a battery energy storage system to increase the services those buildings can provide during an emergency.

By integrating battery storage directly into the renewable energy planning process, the city is equipped to serve its residents during emergencies or energy outages. Pairing these renewable energy opportunities with efficiency and electrification opportunities will ensure that the sizing of equipment matches the future electric load of the facilities.

This task will serve as a first step in resiliency planning and help the city prepare itself to increase resiliency against future power outages and emergencies.??

13 Describe, if it is, how the project is paired with a behavior modification program, curriculum development, process or operational improvement plan, or other educational or training component that would increase the likelihood of success of the project.

Through the proposed energy planning process and subsequent implementation of clean energy improvements, the partners will strive to reduce energy use and emissions generation from their facilities and fleets and demonstrate leadership on these topics to the communities they serve. In alignment with this strategy, the partners may prioritize clean energy initiatives that are visible to the community and those present educational opportunities that could benefit community members.

These initiatives will build on past clean energy education and outreach by the partners. One past example of this strategy is that Menasha Utilities has partnered with UW-Fox Cities. This partnership created an interactive educational kiosks and an online portal for students and the community to use at various locations around the City of Menasha including the library, schools, university, utility building and Heckrodt Wetland Preserve.

To accelerate educational opportunities for the public from the partners clean energy improvements, each of the partners will broaden the use of signage and flyers in public spaces in their facilities.

The educational materials will describe energy-saving improvements made to the building(s), such as increased roof insulation or electric HVAC systems, that may not be visible to the public. Signs and flyers will describe the energy-saving measures, estimate energy and cost savings that the measures enabled, and share tips on opportunities for savings resulting from parallel improvements to homes and businesses.

As noted above, the energy planning process will include an assessment of opportunities for the partners to install distributed renewable energy systems at public facilities. When selecting sites to install solar arrays or other renewable energy systems, the partners will also consider ground-mounted or publicly visible solar arrays. If these projects are selected and installed, the partners will leverage the education and outreach potential of these systems to build awareness of renewable energy opportunities among community members and to demonstrate that these systems are available and accessible. Similarly, if the city purchases electric vehicles, it will allow the public to sit in the vehicles and learn more about their operations.

By increasing the visibility of clean energy improvements and creating educational content that encourages community members to implement parallel enhancements to their homes and businesses, the partners will leverage their investment in energy upgrades into community-wide energy savings.

Lastly, the city will participate in webinars to help educate other communities across Wisconsin.

14 Describe how the project is innovative in its use of technology, methodology, engagement of partners, impact to stakeholders, or some other element and whether it could be replicated by other organizations.

Menasha, a city committed to the progression of energy savings, yet stalled by a lack of technical knowledge of the next steps, is not alone. This planning process will provide a

roadmap for Menasha, with a secondary goal of providing a design for how other communities in Wisconsin can undergo a planning process to go beyond the first steps of energy benchmarking and low-hanging energy efficiency improvements. It will provide a blueprint on how cities can move on to the next step, items of battery storage and solar PV, electrification of buildings, and fleet transitions.

Furthermore, it will guide how municipal governments, municipal utilities, and school districts can work together to reduce a significant portion of citywide energy use. The increased focus on facilitated discussions and goal setting at the beginning of the process helps solidify this partnership and ensure that the planning process works to meet shared goals across partners. Throughout the project, we will identify ways other communities can reproduce the process and report our findings in a final webinar.

Lastly, the development of a tool for ongoing energy tracking will help Menasha track its future progress, and it also has the potential to be a tool for communities across Wisconsin. The tool will build on Slipstream s work on user-friendly spreadsheets and dashboards from past OEI energy grants. During this project, Slipstream will expand on existing tools to develop a more robust option that meets Menasha s needs and can serve as a valuable tool across the state.

ELECTRONICS RECYCLING EVENT

SATURDAY, MAY 6TH, 2023 8:00AM - 12:00PM

MENASHA CITY PUBLIC WORKS — 455 BALDWIN ST. MENASHA, WI

FREE TO RECYCLE ELECTRONICS

Please remove all batteries and bulbs from your electronics prior to the event

- Computer Towers
- Tablets/eReaders
- Satellite Boxes
- Christmas Lights
- Cords/Wire
- Cell Phones
- Power Supplies
- VCRs/DVD Players
- Laptops
- Routers
- Telephones
- iPods
- Audio Equipment
- Desktop Printers
- Video Gaming Devices
- Most Small Electronics

We unfortunately do not accept smoke detectors, thermostats, or thermometers

ELECTRONICS WITH RECYCLING CHARGES

We accept cash, debit card, credit card, or check. Checks can be made out to 'Recycle That Stuff'

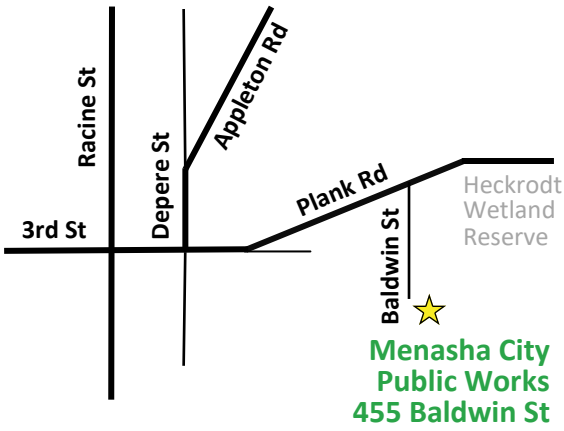
Flat and Tube Computer Monitors	$20 ea	Large Copiers/Printers	$15 ea
Flat and Tube TVs (29" and under)	$20 ea	Microwaves	$15 ea
Flat and Tube TVs (30" - 49")	$40 ea	Dehumidifiers	$20 ea
Flat and Tube TVs (50" - 60")	$60 ea	Dorm-Size Refrigerators*	$20 ea
Wood Console or Projection TVs	$60 ea	Window Air Conditioners*	$20 ea

*We unfortunately do not accept full-size refrigerators, full-size freezers, or central air conditioning units

For your safety and ours, please:

- Wipe down all materials prior to the event
- Stay in your vehicle at the event, we will unload
- No batteries or light bulbs

Event Questions? 920.955.3760



RecycleThatStuff.com
Resource Solutions

Menasha

Event is held rain or shine!

Can't make the event? Bring your items to Recycle That Stuff at 121 N Linwood Ave. Appleton Mon-Fri 8am-4pm