



Wildflower Grant Installation

(Revision due to Covid)

The Miamisburg Parks and Recreation Department was fortunate to receive a \$2,500 program grant from the Ohio Parks and Recreation Association Foundation in January of 2020 for the Department's "Greenspace Management Program". After receipt of this grant, funds were used to purchase various wildflower seeds and developed a program, identifying locations and signage to help establish wildflower management areas at various park locations. The grant helped kick-start the department's approach to advocating for wildflower and no mow areas within passive greenspaces. Additionally the grant allowed for volunteers to engage with the project and establish some wildflower "tracks" at Benner Park.

The Department is committed to developing and publicizing a pollinator project that minimizes maintenance costs and promotes the protection and health of pollinators and their environments. This program will help to increase public awareness about declining pollinator populations and the important role of habitat restoration. The program will sustain beyond the initial phase of publicizing and continue to accommodate pollinator and resource management needs for a better future. As an evaluation method, staff and local volunteers will spend time observing the designated pollinator areas throughout the season to help study and determine the number of pollinators visiting the new habitats. Staff will also track maintenance hours to determine how many hours of mowing are eliminated with this project. The Miamisburg Parks and Recreation Department is committed to improve the quality of habitats for pollinators.

This project helps to create a favorable environment for the local biodiversity of Miamisburg. By planting native grasses and wildflowers, we will be establishing a safe and natural environment for local species including butterflies, bees, and other species of insects. Creating this environment will help to stabilize populations, promote pollination, and overall have a positive impact on the ecosystem.

Completed in 2020

- Purchase of Wildflower seed
- Establishment of pilot no mow areas

Completed in 2021

- "No mow" area established at Mound Park
- Wildflower and no mow area continued management at Mound Golf Course with an over seeding completed in April 2021

- Benner Park pollinator program approved for plan
- Initial mapping of designated area within Benner Park
- 25 x 7 plot planted based on plan by Miamisburg High School former student and current Cornell University Entomology student
- Initial mowing patterns maintained
- PTO driven tiller purchased-\$2399

Summer/Fall Plan 2022

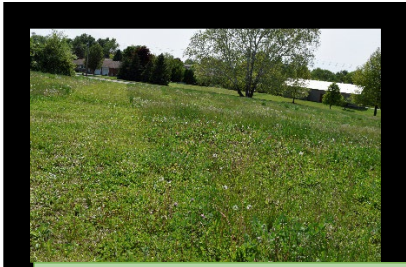
- Approve map June 2022
- June 2022 Schedule ground prep for fall planting
- Sign quote approval- May-June 2022
- Social media scheduled with marketing- Begin in late summer
- Select Plants and Seed Mixes \$1000– July 2022
- CUFAB and CBC meeting discussion of plan implementation
- Maintenance Schedule and Observations added to calendar– Year Round
- Dedicated Park Maintenance employee overseeing Pollinator Habitat Area determined
- Prepare for Planting – August 2022
- Plantings Fall 2022
- Signage installed Fall 2022
- Magazine Article in Spring 2023



Benner Park



25x7 Plot



Mound Golf Course "No Mow Area"



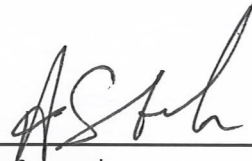


Memorandum of Understanding

Project: Plant a plot of native wildflower seeds at Benner Park

Corey Reese and/or representative agrees to the following:

- Installation will be performed at a pre-determined location agreed upon by the Parks and Facilities Superintendent or designee for The City Of Miamisburg
- All installation materials, labor and site prep will be provided by Corey Reese or representative
- The City of Miamisburg reserves the right to remove the plot at any time should it become a maintenance, vandalism or sustainability issue
- Any ongoing maintenance or repairs will be performed by Corey Reese or representative for the life of the structure/project

X 

Aaron Stonecash
Parks Supervisor

X 

Corey Reese
Project Lead

Phone Number: 937-470-5270
Email Address: cmreesc225@gmail.com

X

Kevin McKinney
Parks and Facilities Superintendent

X

Corey Reese Representative

Phone Number: _____
Email Address: _____



Park Enhancement Volunteer Project

Please provide the following information.

Name or Organization	Corey Reese
Project Goal	Create a meadow in Miamisburg to help support local plant and pollinator populations.
Project Dates Dates works will be performed.	December-Spring (or as long is needed to complete the project)
Location Please attach a site map highlighting specific area.	

<p>Materials Supplies Equipment and Tools</p> <p>Please specify types & quantities of materials & supplies needed to be provided by The City of Miamisburg.</p>	<ul style="list-style-type: none"> - 3-5 shovels/spades - Gloves - Disposal containers - Seeds for the garden, desired ones can be found at the link: https://www.prairienursery.com/butterfly-prairie-for-medium-soils.html (¼ lb.)

City of Miamisburg
Parks and Recreation Department
305 E. Central Ave.
Miamisburg, Ohio 45342
937-866-8999



<p>Materials Supplies Equipment and Tools</p> <p>Please specify types & quantities of materials & supplies that will be provided by your group.</p>	<ul style="list-style-type: none"> - Volunteers for the project - Seeds for the perimeter (if the project continues for the entire garden, then the city will need to fund the purchase of more seeds) - 3-5 shovels/spades
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<p>Community Impact Please detail how this project benefits the community.</p>	<p>This project helps to create a beneficial native environment for the local biodiversity of Miamisburg. With recent climate change, many species are getting displaced from their habitats, which is having massive effects on ecosystems. Through providing numerous havens for local species, especially insects, their populations can become more stable. This can result in increased population numbers of beneficial insects and other fauna in the community. It also can provide aesthetic benefits for the community as a flowering garden can help relieve stress of citizens. Furthermore, it incorporates the help of high school students in a variety of programs (SISER and NHS). This exposes them to small scale environmental action along with important community service. This small-scale project can and will provide massive benefits for local populations of native species, especially for some of the most influential groups of animals, insects.</p> <p>(If any issues with this proposal are found, please let me know to discuss!)</p>
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**Thank you for your time & dedication to the
City of Miamisburg!!**

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Parks and Recreation
Department 305 E. Central Ave.
Miamisburg, Ohio
45342 937-866-8999

Aaron Stonecash

From: Corey Reese <cmreese228@gmail.com>
Sent: Tuesday, November 23, 2021 2:38 PM
To: Aaron Stonecash
Subject: Re: Benner Park
Attachments: Benner Park Project Area Image.png

*** **WARNING:** This email originated outside of The City of Miamisburg. ***

On Tue, Nov 23, 2021 at 2:38 PM Corey Reese <cmreese228@gmail.com> wrote:
Hello Mr. Stonecash,

From what I was told about the meeting you had with Mr. Lovin, my group would begin the tilling and planting of the border of the plot and plant seeds there and let the interior hopefully follow suit. Also, maybe removing some weeds from the interior as well. So, with this, the answers to your questions are as follows:

Project date:

My group would consider the project done once this border is created and the plants are planted. We could continue maintenance, but this is uncertain. If you would like to pursue that then I can certainly discuss options.

Location:

I will attach an updated image of the area that I wish to work on. It is a fraction of the park and based on what I was told about the plan, we would till around that red perimeter marking.

Items requested:



Flat and edging shovels would be best. The gloves I had in mind were just any sort of general gardening gloves. Trash bags would be best for disposal.

Community impact:

Local populations of insects, especially butterflies will be assisted. Species like the spicebush swallowtail, pipevine swallowtail, tiger swallowtail and migrating monarchs will be a few of the large species assisted. By providing a wider variety of food sources for them can sustain more stable populations and provide a micro ecosystem for them to live in. Other smaller pollinators will be assisted, such as hoverflies, who have seen a drop in population with decreasing availability to resources. Overall, insects have seen a decline in population due to smaller ecosystem sizes, so Miamisburg will be helping to reverse this process. As a by-product of creating this garden, many other species will be helped by proxy. Some of these being various ant species (Tetramorium immigrans, Formica spp., Lasius spp.), predators (mantids, assassin bugs, spiders, predaceous flies, Vespid wasps) and other herbivores (Chrysomelid beetles, Coccinellid beetles, Mirid bugs, Nabid bugs). These larger groupings encompass many native species; however, I know that creating a garden such as this one will directly help insect populations as I have seen a sudden flock of insect diversity to a small garden I lead the creation of in front of Miamisburg High School.

I apologize for getting this to you so late, but I hope it clears up the questions you had!
Corey Reese



-  - proposed project area
-  - future wildflower border