

Join the next SLPS on Project Drawdown: How Education Reduces GHG Emissions

Thursday, December 4, from 12:00 -1:00 p.m., Crystal Chissell, Vice President of Operations & Engagement at Project Drawdown will review what the Project Drawdown report is.

Click [here](#) to join from your computer and enter the password: **SLPS**

This presentation will discuss Project Drawdown. It will review what the Project Drawdown report is and how education, specifically the education of women, can reduce greenhouse gas emissions. Project Drawdown is a world-class research organization that identifies the most viable global climate solutions. Project Drawdown partners with communities, policy makers, non-profits, business, investors, and philanthropists to identify and deploy science-based, effective climate solutions.

Crystal Chissell

Crystal Chissell is an operations and governance specialist, working to champion diverse and collaborative leadership for a regenerative and beautiful future on Earth.

Water

- Energy
- Food Security and Distribution
- In and Out Migration

As Vice President of Operations & Engagement at Project Drawdown, Crystal draws on her deep experience and interdisciplinary background in local and state government, law, business and social equity to nourish a culture of excellence at Project Drawdown and to facilitate partnerships that move the world toward climate solutions. She also speaks publicly about Project Drawdown and serves as an expert resource for news media, interest groups and advocacy organizations.

Prior to Project Drawdown, Crystal was a practicing attorney, advising the City of Baltimore and the Maryland Environmental Service. She also served as Mayor of the Town of Highland Beach, Maryland. Crystal holds a J.D. from the

University of Maryland School of Law, an M.S. in Environmental Science from Johns Hopkins University, an M.B.A. from the University of San Francisco, and a B.A. in Journalism from Howard University.



Updates

America Recycles Day

More than a celebration, America Recycles Day (ARD) is the only nationally recognized day dedicated to promoting recycling. On November 14 CCC celebrated ARD at the Columbus campus. There were fun recycling games and a scavenger hunt. The prizes for the winners was reusable bags and bamboo straws. In addition, [Keep Columbus Beautiful](#), [Green Fiber](#), [Trex](#), and [Students 4 Sustainability](#) club shared their knowledge and passion for the protection of the environment. There was a live presentation of the Styrofoam eating mealworm farm by intern Katy Ayers.

CCC Columbus is undergoing changes to the recycling process after having recently to switch haulers. Now, they are using Green Fiber, an environmentally conscious company that buys their cardboard and paper waste, which they use to make cellulose insulation.

Plastic bottle recycling has been discontinued in the recycling bins on campus, but we placed one [Terracycle](#) plastic bottle collection box near the student center. Central Community College is still collecting plastic bags for Trex also located near student center. Trex reuses the plastic bags to manufacture environmentally responsible outdoor decking, pergolas, and fencing.

Please feel free to reach out to the Columbus Sustainability intern Katy Ayers katy95724@cccneb.edu if you have any questions or would like more information.

Welcome David!

David-Patrick Meyer is the new Environmental Sustainability Intern for the Grand Island campus, seeking an Associate's Degree in Business Administration and Accounting. David recently started an edible algae biofuel project for

Earth Month and the Nebraska State Fair.

Congratulations!

The [Students 4 Sustainability](#) (S4S) empowers students to make sustainable changes in their lives through campus projects, local community efforts, and peer education.

Congrats to the newly elected 2019 officers in October.

All CCC Chair – Jeraldin Zurita (Grand Island)

Columbus campus Chair – Katy Ayers

Grand Island campus Chair – David Meyer

Hastings campus Chair – Leah Wagoner

Secretary & Treasurer – Braxton Adrian (Hastings student)

Hastings Garden Row House



In October, the row house was set out in the culinary garden on the CCC Hastings campus. The purpose of the row house is to get an early start on growing produce in the spring. The covered row house will keep a bed of radishes, onions and mixed greens safe from the harsh elements of winter while we patiently wait for the seeds to sprout when the warmer temperatures arrive again. This is the second season of use for the row house.

Affirmative Action/Equal Opportunity Institution

Upcoming Events

Dec. 4	SLPS
Nov. 30 – Jan. 2	Stuhr Holiday Tree
Earth Month Events	
Apr. 25	Hastings
Apr. 7	Grand Island
Apr. 16	Columbus
Apr. 29	Kearney
Apr. 29&30	Water Jamboree

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Happy holidays from all of us at the Environmental Sustainability Office!

Like us on Facebook or follow us on Twitter at [greenCCCNeb](#) for the latest updates!



APRIL 2017

ENVIRONMENTAL SUSTAINABILITY

Join the next SLPS on Transportation

Thursday, April 6 at 3:30, CCC instructor Daniel Gompert will be presenting *Green Practices, Policies and Attitudes in Information Technology Past and Present*. Join us live on the **Hastings Campus in Platte 129** or click [here](#) to join virtually and enter the password: SLPS

Employees: Register for the EMPD section using 17/PD EMPD 1239 10000 for the live stream or 17/PD EMPD 1239 10300 if attending the presentation in person

Green Practices, Policies and Attitudes in Information Technology Past and Present

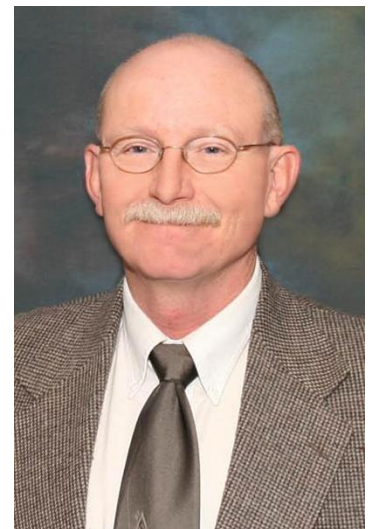
Green information technology (IT) can help reduce your personal and business energy, supplies, waste and overall lifecycle costs. This presentation will discuss what green IT is, the overall lifecycle IT costs, how to better manage energy in today's networked work place, and how to develop policies for electronic use through innovative energy reductions. Join us in discovering how Green IT innovations can help improve your sustainability triple bottom line through strategic analysis of company policies focused on green IT initiatives.

Daniel Gompert

Daniel Gompert is an Information Technology and Systems Instructor at Central Community College –

Hastings. Daniel has been involved in the Information Technology (IT) Industry as an Instructor and Consultant for the past 25 years. Daniel has been a member of the Environmental Sustainability Across the Curriculum Committee at Central Community College as well as being involved in the development of the E-Badge Award Program and other sustainability initiatives. In addition, Daniel has developed and taught courses in Green Technology, Wind Energy Fundamentals, Wind Turbines and Solar Energy. Currently, Daniel is involved in developing sustainability awareness in students at Central Community College in various career fields. Daniel has earned Associate of Science degrees from Central Community College in Computers and Automation and Electronics Technology. He also has a B.S. in

Business Information Systems from Bellevue University of Omaha. Daniel is currently a certified Cisco Networking Academy Instructor, VMware Academy Instructor and EMC Academy Instructor.



Like us on Facebook or follow us on Twitter at [greenCCCNeb](#) for the latest updates!

Updates

CCC's new bike share software

To make it easier to use the bike share system on the Columbus and Grand Island campuses, CCC students and employees can now use a smartphone app to check out the bikes.

Signing up for the bike share system

1. Download the app [Movatic](#) from the iTunes store or Google Play store
2. Open the app and press the menu icon in the upper left corner
3. Press private systems
4. Press the Join a Private System button at the bottom of the screen
5. Search **CCC Bike Share** and press Continue
6. Enter **your CCC email address** and press Submit
7. Read the User Agreement and Waiver and press Accept after carefully reading and understanding the document
8. You will receive a code in your CCC email inbox to enter into the app

Checking out a bike

1. Open the Movatic app and press Rent a Bike at this Station (your Bluetooth must be turned on to use the app)
2. Choose the key box for the bicycle you want to check out
3. You will receive a PIN code for the selected key box
4. Enter the PIN code onto the keypad of the selected key box and press enter (the code will not work for any other key box)
5. Slide the gold latch down to open the key box
6. Remove the bicycle key
7. Close the key box door, slide the latch up and press the Enter button to confirm it is electronically locked
8. Unlock the bike by inserting the key into the lock and turning the key clockwise (the key will stay in the lock)
9. Remove the U-bar from the lock

and store it on the back of the bicycle frame

Returning a bike

1. Remove the U-bar from the back of the bicycle frame and position bicycle next to bike rack with corresponding key box for this bicycle (you will only be able to return the bike to its original key box)
2. Position the U-bar around the bike rack and snap the U-bar into the lock on the bicycle frame
3. Turn the key counterclockwise and remove the key from the lock
4. From the Movatic app on your phone, press the icon in the upper right corner to show details of your current rental and press End Rental
5. You will receive a PIN code for the key box
6. Enter the PIN code onto the keypad of the key box
7. Slide the latch down to open the key box door
8. Return the bicycle key to the key box
9. Close the key box door, slide the latch up and press Enter to confirm that the key box is locked electronically

Come see us at CCC's Earth Week events for more information and a demonstration on how to use the app!

STARS

Currently the CCC Environmental Sustainability team is completing their initial Sustainability Tracking, Assessment & Rating System ([STARS](#)) report. STARS is a transparent, self-reporting framework for colleges and universities to measure their sustainability performance. STARS is intended to engage and recognize the full spectrum of colleges and universities.

The Environmental Sustainability Across the Curriculum (ESATC) committee is compiling a list of academic courses either sustainability focused or a course that has a lesson or unit related to

sustainability. Currently we have 27 Sustainability Focused Courses and 30 courses that include sustainability as a lesson or unit. If any faculty that have a course with a lesson or unit related to sustainability please have them contact Benjamin Newton or Brent Adrian, co-chairs of the ESATC committee. We are planning to submit our final application by late May and the more courses included in the list, the more points Central Community College will have to achieve a higher STARS rating. Thank you to the ESATC committee and all the faculty that have already contacted us with their sustainability lessons or units!

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3C Initiative



Central
COMMUNITY
COLLEGE

Green Today ... Greener Tomorrow



Monday, April 17
Grand Island Campus

Join us for an expo, walk/bike ride, bee demonstration, presentation on building energy use, and learning about the new bike share app.

Tuesday, April 18 – Hastings Campus

Join us for an expo, presentation on the Nebraska State Fair, the new wind turbine, and a tour of the culinary area.

Wednesday, April 19
Columbus Campus

Join us for an expo, presentation on building energy use, learning about the new bike share app, a tour of the greenhouse, “Talon Talks” with predatory birds, and an avian wildlife research demonstration.

Thursday, April 20 – 3C Conversation and EarthEd live webcast on all sites

See www.cccneb.edu/YourTalk/ for where to join the 3C Conversation from your location
EarthEd A State of the World Symposium
Live Webcast 8 a.m.- 3 p.m.

Register at: www.cccneb.edu/EarthEd/

Saturday, April 22

Green Fling at the Hastings Campus Dawson Gym
HMRM is hosting the first Green Fling to celebrate the local food movement!

Saturday, May 6 & Sunday, May 7 – The Buzz
Grand Island Little Theater at College Park

Saturday at 7:30 p.m. or Sunday at 2 p.m. for the annual Earth Day play that discusses the importance of pollinators.

| April 20 - May 7 |

www.cccneb.edu/EarthWeek/

Earth Week

Grand Island Campus

10 a.m. - 12 p.m.

In the hallways

Tables will be set up in the hallways to learn more about local vendors and organizations.

11:30 a.m. - 12 p.m.

By the bike share

Get out for a quick walk or bike ride to boost your energy for the day!

1 - 2 p.m.

Room 525

Bee presentation and demonstration

2 - 2:30 p.m.

Room 525

Learn how to reduce building energy usage and costs with Navitas!

2:30 - 3 p.m.

By the bikes

Stop by to learn about the new bike share app!



3C Initiative

Central
COMMUNITY
COLLEGE

Green Today ... Greener Tomorrow

Monday, April 17

www.cccneb.edu/EarthWeek/

Affirmative Action/Equal Opportunity Institution

For more information, please contact the Environmental Sustainability office:

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Earth Week

Hastings Campus

10 a.m. - 12 p.m.
Hall Student Union

Tables will be set up to learn more about local vendors and organizations.

11:30 a.m. - 12 p.m.
Cottonwood Room

Learn about the Nebraska State Fair's sustainability initiatives.

1 - 2:30 p.m.
Cottonwood Room

You've seen the wind turbine on campus, so stop by to learn more about it from Bluestem Energy and tour the base of the turbine.

2:30 - 3:15 p.m.
Woodlands Dining Room

Get a tour of the culinary area and learn about their sustainability initiatives.

Disc Golf Tournament
April 17 - April 23

Individual and Doubles with prizes!



3C Initiative
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Green Today ... Greener Tomorrow

Tuesday, April 18

www.cccneb.edu/EarthWeek/

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*Hospitality Management
and Culinary Arts*



**NEBRASKA
RECYCLING
COUNCIL**



Earth Week

Columbus Campus

10 a.m. - 12 p.m. Student Center

Tables will be set up to learn more about local vendors and organizations.

11:30 a.m. - 12 p.m. Student Center Room 76

Learn how to reduce building energy usage and costs with Navitas!

12:30 - 1 p.m. By the bike share

Stop by to learn about the new bike share app!

1 - 2 p.m. Greenhouse

Get a tour of the Columbus Campus greenhouse.

2:15 - 3:15 p.m. West Ed. 205

Join us for "Talon Talks" to learn about and see predatory birds.

3:30 - 4:30 p.m.

Meet by the Maintenance Building

Learn about how birds are captured, processed and handled for avian wildlife biology research.

Disc Golf Tournament

April 17-April 23

Individual and Doubles with prizes!



3C Initiative
Central
COMMUNITY
COLLEGE

Green Today ... Greener Tomorrow

| Wednesday, April 19 |

www.cccneb.edu/EarthWeek/

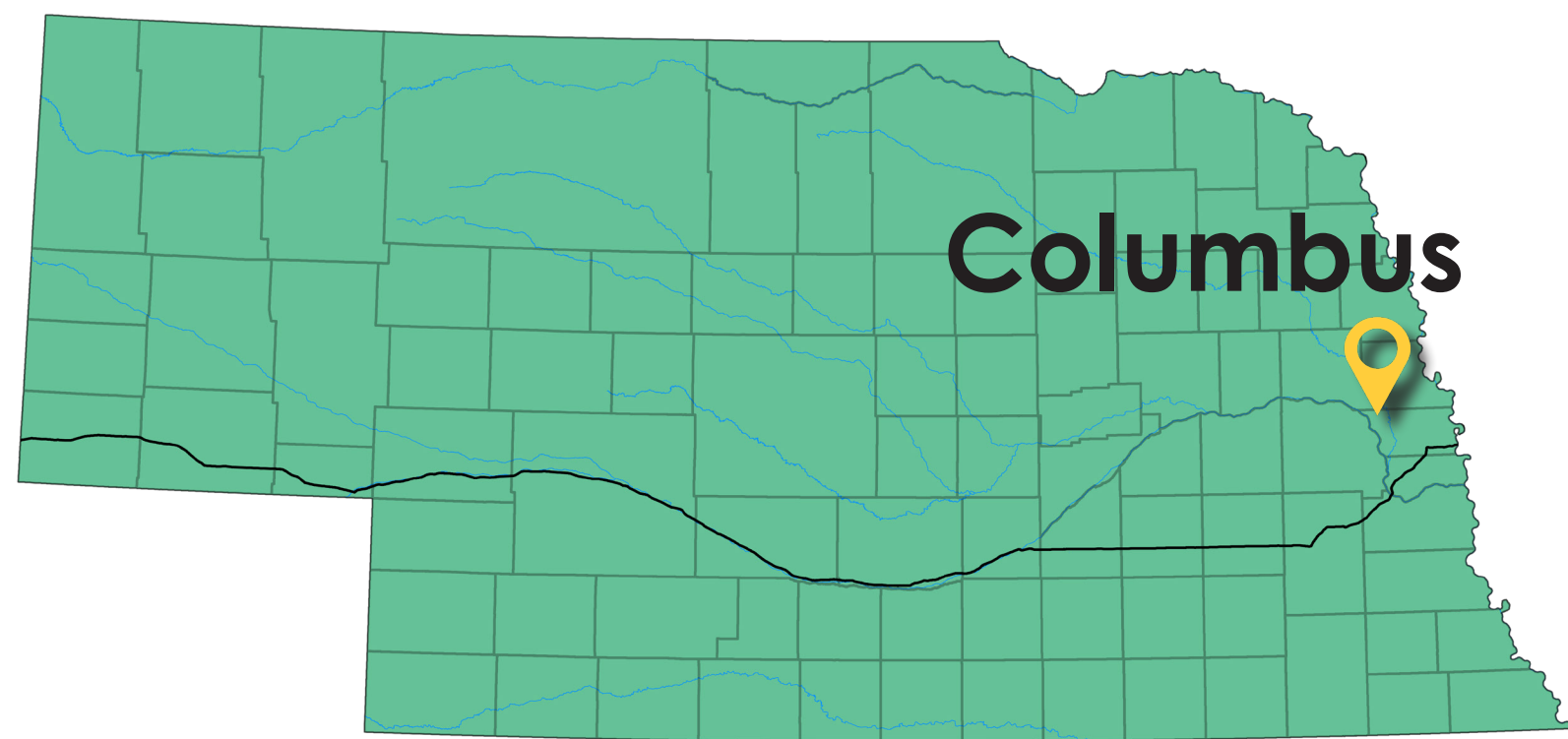
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4500 63th Street, Columbus, Nebraska

The project

Central Community College, Columbus received Greener Towns funding for us to plant a pollinator garden next to our teaching orchard. Our goal is to showcase the relationship between **pollinators and the food we eat**. The garden also protects trees that are part of our arboretum by getting them out of the lawn and into landscape beds. The garden is about 9,000 square feet and we have room to expand for future ideas. We planted 1,460 plants and shrubs in August of 2017. The Nebraska Statewide Arboretum did much of the design and helped with plant selection for the garden. We plan to utilize the garden as a **learning lab** for community education, college environmental sustainability, science education, agriculture and other partnerships.



Picture of volunteers during the planting of the project, in August of 2017.

What we learned

- 1 It takes many committed partners to make a project like this happen.
- 2 Plants are in, but the real work is just beginning.
- 3 We're seeing a change in culture about how to manage lawn and landscapes.



Threadleaf Coreopsis
Coreopsis verticillata



Meadow Blazing Star
Liatris ligulistylis



Switchgrass
Panicum virgatum



Pasque Flower
Pulsatilla patens

Who's involved & costs

- Central Community College
- Columbus Master Gardeners
- Nebraska Forest Service
- Nebraska Statewide Arboretum
- University of Nebraska Extension

\$ 9,300
\$--
\$--
\$10,304
\$19,604

PAID BY GREENER TOWNS
PAID BY OTHER GRANTS
PAID LOCALLY
DONATED TIME/GOODS
PROJECT VALUE



Before and after comparison of the pollinator garden, which incorporates Arboretum trees.

CCC Columbus Pollinator Garden

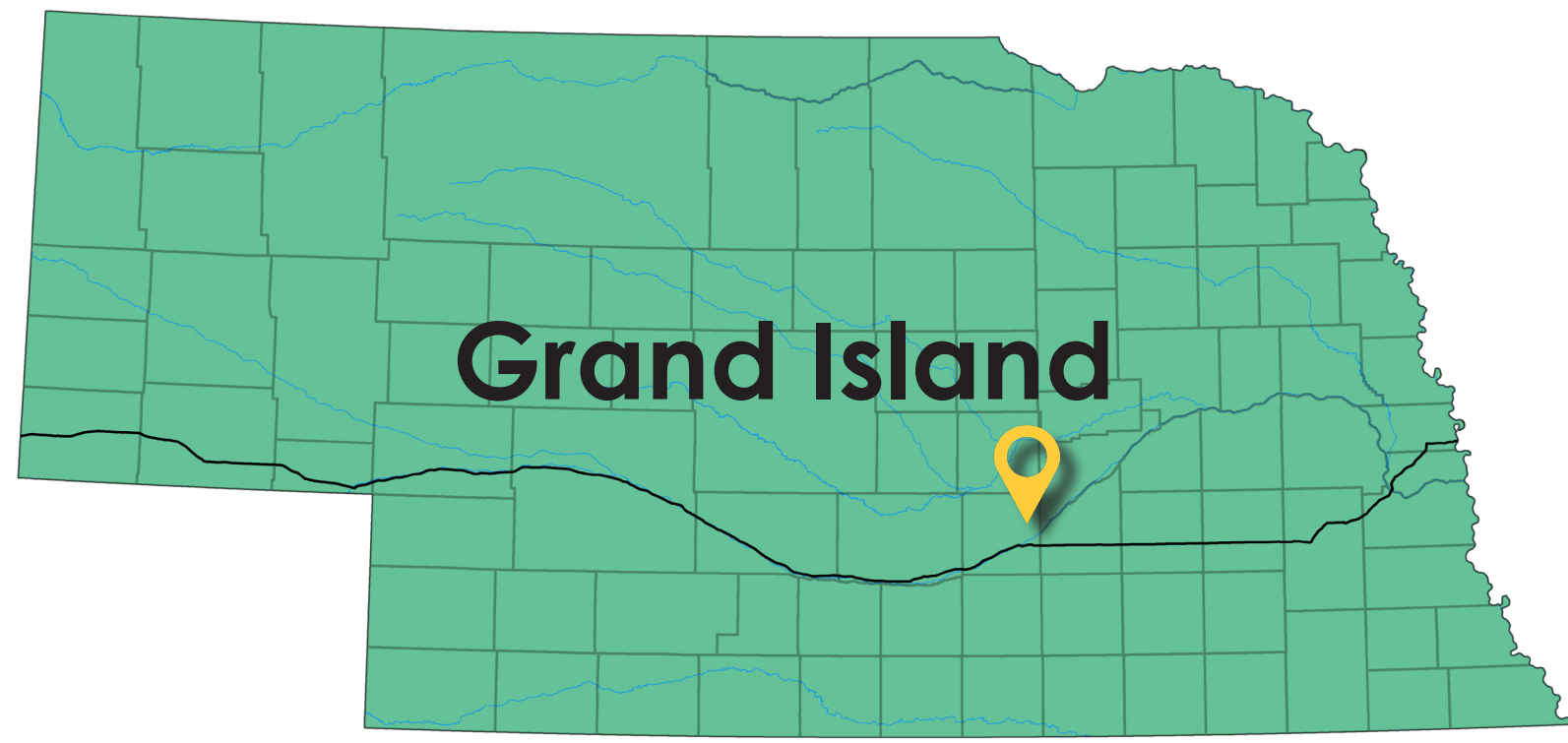
GREENER TOWNS

POLLINATORS

LEARNING

SAVES WATER





3134 West Highway 34, Grand Island, Nebraska

The project

The CCC Grand Island campus 6,000 square-foot pollinator garden is located east of the Center for Industry and Technology Building. It was designed by Big Muddy Workshop and installed in October 2017 by Tilley's Landscaping. The garden builds upon the **beekeeping** program and diverse plants were selected to survive the wind, cold, and drought to provide **food and shelter** resources for pollinators in three seasons. The plantings include native deciduous shrubs, perennials and groundcovers, and native grasses and sedges. A winding crushed stone path and a Northwind Switchgrass protective berm provide an **outdoor walking** space for students, staff, and faculty.



Liatriis bloomed during the garden's first year.

What we learned

- 1 Get a diverse team. A common goal brought different departments together.
- 2 Education is needed on pollinators and their benefits.
- 3 We need places to engage in outdoor learning with a diversity of pollinators and plants.



Narrow-leaved Coneflower
Echinacea angustifolia



Evening Primrose
Oenothera macrocarpa



Palm Sedge
Carex muskingumensis



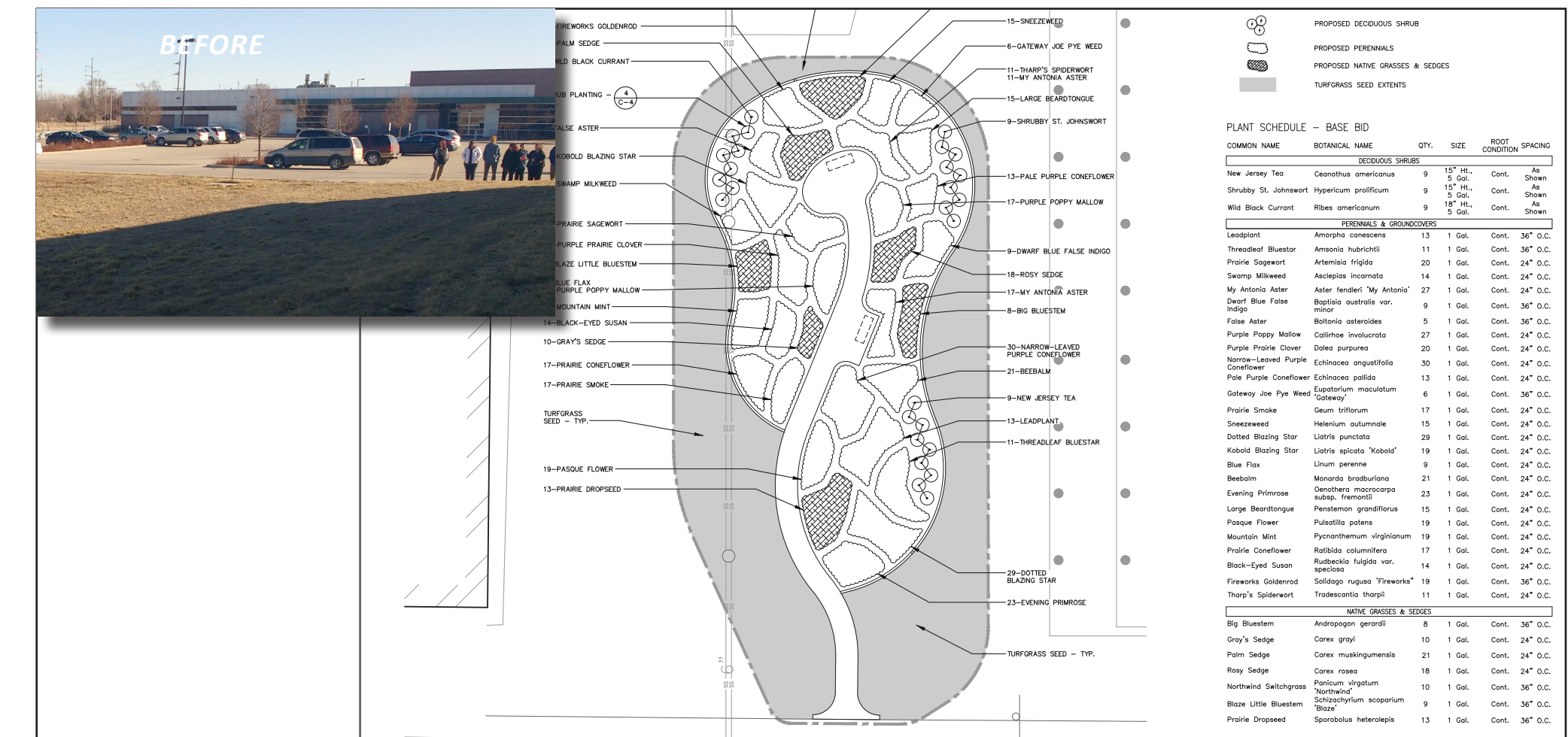
New Jersey Tea
Ceanothus americanus

Who's involved & costs

- Big Muddy Workshop (landscape design)
- Central Community College
- Tilley's Landscaping

\$18,500
\$--
\$19,474
\$--
\$37,974

PAID BY GREENER TOWNS
PAID BY OTHER GRANTS
PAID LOCALLY
DONATED TIME/GOODS
PROJECT VALUE



Pollinator garden design with a soft walking path meandering through drifts of prairie plants.

CCC Grand Island Pollinator Garden

GREENER TOWNS

POLLINATORS

LEARNING

SAVES WATER

SOIL BUILDING

