I. Call To Order

II. Roll Call

III. Approval Of Meeting Agenda

IV. Approval Of Meeting Minutes
   A. Minutes: Energy and Environment Commission, Jan 29, 2020

V. Special Recognitions And Presentations
   A. Salt Resistant Grass Test in Highlands, Dom Christensen

VI. Community Comment

   During "Community Comment," the Board/Commission will invite residents to share relevant issues or concerns. Individuals must limit their comments to three minutes. The Chair may limit the number of speakers on the same issue in the interest of time and topic. Generally speaking, items that are elsewhere on tonight's agenda may not be addressed during Community Comment. Instead, the Board/Commission might refer the matter to staff for consideration at a future meeting.

VII. Reports/Recommendations
   A. Appoint Chair and Vice Chair

VIII. Correspondence And Petitions
   A. Working Group Minutes

IX. Chair And Member Comments
   A. Thank you to departing member

X. Staff Comments
   A. Climate Action Plan Update
   B. Pollinator Update

XI. Calendar Of Events
A. 2020 Calendar

XII. Adjournment

The City of Edina wants all residents to be comfortable being part of the public process. If you need assistance in the way of hearing amplification, an interpreter, large-print documents or something else, please call 952-927-8861 72 hours in advance of the meeting.
ACTION REQUESTED:
Motion to approve the Jan 29, 2020 Minutes for the Energy and Environment Commission.

INTRODUCTION:

ATTACHMENTS:
Minutes: Jan 29, 2020
I. Call To Order
Chair Jackson called the meeting to order at 7:05 p.m.

II. Roll Call
Answering Roll Call were Chair Jackson, Commissioners Horan, Seeley, Lanzas, Satterlee, Glahn, Martinez, and Maynor
Absent: Manser, Hussian, Seeley
Staff Present: Liaison Brown, Casey Casella

III. Approval Of Meeting Agenda

Motion made by Horan to approve the January 29, 2020 meeting agenda. Motion seconded by Lanzas. Motion carried.

IV. Approval Of Meeting Minutes

Motion made by Horan to approve the November 7, 2019 minutes. Motion seconded by Lanzas. Motion carried.

V. Special Recognitions and Presentations
None.

VI. Community Comment
None.

VII. Reports/Recommendation
A. 2020 Work Plan
   a. Liaison Brown reviewed each of the 6 initiatives for 2020

B. Initiative 6: Panel for Event
   a. Students are planning an event April 25. It had potential to correspond. Detailed shared were:
      i. Climate summit panel
         1. Climate change experts (science)
         2. Elected officials (policy)
      ii. Student led workshops
   b. Initiative #6 event is April 20
      i. Commissioners recommended Commissioner Seeley to lead and Lanzas to support Initiative #6
ii. Commissioners watched the documentary trailer “Just Eat It”

iii. Commission brainstormed ideas for panelist at the event. Ideas will be sent out via email.

Liaison Brown will email the ideas and commissioners will respond with top choices within the week.

C. Resolution of Support
Liaison Brown reviewed a resolution of support for energy performance standards.

Questions from the Commission:
- What is the opposition to stretch codes?
  - Labor (slowing development and increase costs)
  - Utilities (meeting Conservation and Improvement Projects [CIP])
- What is utilities’ CIP spending in Edina?
  - Do not have exact numbers. Conservation projects tracked during the PIE projects were lighting efficiency and energy design assistance programs

Feedback from the Commission about the resolution:
- Support for the resolution
- Feeling it was necessary to meet climate goals
- Like uniformity of the resolution
- Suggestion to add energy saving potential (more to build but less to operate)
- Having different building codes in jurisdictions is a nonstarter
- This would create a 3rd layer of inconsistency within the building code of cities
- Embedded carbon: not counting the full lifecycle of the building (construction materials)
- Hurts competitiveness of the state
- Political party support of this issue
  - Not universal support for this
  - A democrat in the House and republican in the senate are authors on the bill

IX. Chair and Member Comments
A. Human Services Task Force
   a. Commissioner Lanzas served on the Task Force this year
   b. The Task Force proposal for funding was approved by City Council in December
   c. The Task Force received 9 applications and funded 8
   d. The Task Force established guidelines for future task forces
   e. Mission of Task Force: To distribute funds for nonprofits providing basic human needs to Edina residents

B. Joint Energy and Environment Event
   a. Chair Jackson is planning this joint event
   b. They should have a date soon

C. Student Update
   a. Planning for Climate Summit on April 25
b. Commissioners attended the Alliance for Sustainability event. Key points were:
   i. Cooperation between commissions on issues
   ii. Edina is involved in many issues and accomplishing many things
   iii. Tara is working with Excel to educate residents about integrated resource plans

X. Staff Comments
A. Flood Risk Reduction Task Force
   a. The Task Force is meeting to establish values
   b. The Task Force is almost done with the work
B. Climate Mayors Steering Committee
   a. Commission should look at email attached in packet
   b. Mayor Hovland is representing the mid-size cities
C. Applications open for Edina Commissions
   a. Applications close Jan 31
   b. Thank you to Commissioner Lanzas for participating in a public announcement promoting applications
D. Curbside Organics
   a. Organics coordinator starting next week
E. Climate Action Planning
   a. Working on gathering data and community engagement strategy plan
   b. Chair Jackson requested public information about the CAP timeline
F. Initiative 3: Large Building Benchmarking
   a. Kicked off the program with large buildings
   b. Liaison Brown will follow up with timeline on city data publication
G. Pollinator Update
   a. Staff Jessica and Tom gave Liaison Brown staff edits to the resolution
   b. Liaison Brown will prepare a staff report to pair with the advisory communication to go to City Council in February.
H. Adopt a Storm Drain
   a. Liaison Brown shared facts about the program:
      i. 65 participates
      ii. 400 pounds of debris collected
I. Wood Smoke Education
   a. GreenCorps Member is working on education program about wood smoke
   b. Member wants to pilot the program with city commissioners
      i. Chair Jackson, Commission Horan volunteered
   c. Member would like to present to the EEC in June
J. Calendar of Meetings
   a. Regular meetings are 2nd Thursday of the month
   b. April is 1st meeting of the month

XII. Adjournment

Motion made by Glahn to adjourn the January 29, 2020 meeting at 8:20 p.m. Motion seconded by Lanzas. Motion carried.
Respectfully submitted,
Casey Casella
City Management Fellow

| ENERGY & ENVIRONMENT COMMISSION | J | F | M | A | M | J | J | A | S | O | N | D | # of Mtgs. | Attendance % |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|--------------|
| Meetings/Work Sessions        | 1 |   |   |   |   |   |   |   |   |   |   |   | 1         | 100%         |
| NAME                          |   |   |   |   |   |   |   |   |   |   |   |   |          |              |
| Glahn, William                | 1 |   |   |   |   |   |   |   |   |   |   |   | 1         | 100%         |
| Hoffman, Howard               | 0 |   |   |   |   |   |   |   |   |   |   |   | 0         | 0%           |
| Horan, Michelle               | 1 |   |   |   |   |   |   |   |   |   |   |   | 1         | 100%         |
| Hussian, Paul                 | 0 |   |   |   |   |   |   |   |   |   |   |   | 0         | 0%           |
| Jackson, Carolyn              | 1 |   |   |   |   |   |   |   |   |   |   |   | 1         | 100%         |
| Manser, Richard               | 0 |   |   |   |   |   |   |   |   |   |   |   | 0         | 0%           |
| Satterlee, Lauren             | 1 |   |   |   |   |   |   |   |   |   |   |   | 1         | 100%         |
| Seeley, Melissa               | 0 |   |   |   |   |   |   |   |   |   |   |   | 0         | 0%           |
| Lanzas, Bayardo               | 1 |   |   |   |   |   |   |   |   |   |   |   | 1         | 100%         |
| Maynor, Chole (s)             | 1 |   |   |   |   |   |   |   |   |   |   |   | 1         | 100%         |
| Ana Martinez (s)              | 1 |   |   |   |   |   |   |   |   |   |   |   | 1         | 100%         |
ACTION REQUESTED:

INTRODUCTION:
Dom Christensen, a graduate student at the U of M, is conducting the research and he is well-qualified to speak more about the topic with the Energy Environment Commission. Additionally, you can learn more about our roadside turf research here on our turfgrass website.

ATTACHMENTS:
Salt Resistant Grass Test in Highlands
• 600,000 acres in Minnesota dedicated to right-of-way
• 1% of the area of Minnesota
100,000 applicable acres

200,000 acres
Respondent (%)

Seed

Sod

n=88

LRRB Contractor Survey, 2019
“We have a lot of problems with sod dying off the 2\textsuperscript{nd}, 3\textsuperscript{rd}, or 4\textsuperscript{th} year following construction. Would like to know best practices for preventing this. We are considering going to amended topsoil for all turf establishment, whether it be seed or sod”

-Contractor
“[We have more issues when] snow and salt gets piled on the boulevard, killing the turf in those areas…It seems the only thing that works is to plan in your operating budget to replace sod as warranted on an annual basis…” - Contractor
Policy

NPDES/SDS Minnesota Construction Stormwater Permit Section 13.2:

“Vegetative cover must consist of a uniform perennial vegetation with a density of 70 percent of its expected final growth” [Minn. R. 7090]
It is expensive to reestablish roadside vegetation

• Seed: $150 to $530 per acre

• Sod: $20,000 per acre

• Does not factor labor, regrading, installation, and irrigation
What are some functions for roadside vegetation?
Good visibility for drivers is an important safety consideration.
What functions should our roadside vegetation serve?

• Environmental:
  • Reduce soil erosion
  • Filter runoff pollutants (Deletic and Fletcher, 2006; Barrett et al., 1998)
  • Enhance groundwater recharge
  • Elevate carbon sequestration rates
What functions should our roadside vegetation serve?

• **Environmental:**
  • Reduce soil erosion
  • Filter runoff pollutants (Deletic and Fletcher, 2006; Barrett et al., 1998)
  • Enhance groundwater recharge
  • Elevate carbon sequestration rates

• **Social:** (Beard and Green, 1994)
  • Maintain good visibility for commuters
  • Improved property values
  • Enhance aesthetics
Roadsides are low-maintenance areas
Roadsides are low-maintenance areas

- Less mowing
- No fertilizer beyond starter
- No supplemental irrigation
- Persistence
- Tolerant of sandy soils
Roadsides are low-maintenance areas

- Less mowing
- No fertilizer beyond starter
- No supplemental irrigation
- Persistence
- Tolerant of sandy soils

- Competitive
- Little/no herbicide usage
What turfgrass mixtures are currently recommended for roadsides?

• Seed:
  • 25-131 -> Low-maintenance turfgrass mixture (16% KBG)
  • 25-141 -> Mesic roadside turfgrass mixture (27% KBG)
  • 25-151 -> High-maintenance turfgrass mixture (75% KBG)
  • MNST-12 -> Salt tolerant mixture (20% KBG)
What turfgrass mixtures are currently recommended for roadsides?

- **Seed:**
  - 25-131 -> Low-maintenance turfgrass mixture (16% KBG)
  - 25-141 -> Mesic roadside turfgrass mixture (27% KBG)
  - 25-151 -> High-maintenance turfgrass mixture (75% KBG)
  - MNST-12 -> Salt tolerant mixture (20% KBG)

- **Sod**
  - Nearly always 100% Kentucky bluegrass

- All statewide mixtures
Objective

1.) Test a set of turfgrass mixtures and current recommended DOT mixtures at sites throughout Minnesota to determine optimal regional mixtures
Experimental Design - Objective 1

- 6 species
  - One cultivar per species
- 14 locations
  - 7 installed Fall 2018 & 7 installed Fall 2019
- 40 treatments
  - Monocultures, mixtures, and 4 DOT check mixtures
- Each individual plot is 25 ft²
Where should we test these species and mixtures?
Materials and Methods

- Germination tests
- Kill existing vegetation
- Tillage
- Seed
- Futerra F4 Netless blanket
  - Hold seed in place and reduce soil erosion
- Temporary modular irrigation system
  - 0.85 cm of water per day total amongst two intervals per 1.83 m width and length of site ~192 m
- Starter fertilizer
## Planting Date

<table>
<thead>
<tr>
<th>Location</th>
<th>Install date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand Rapids</td>
<td>Aug-31-2018</td>
</tr>
<tr>
<td>Brainerd</td>
<td>Sep-12-2018</td>
</tr>
<tr>
<td>East Grand Forks</td>
<td>Sep-13-2018</td>
</tr>
<tr>
<td>Fergus Falls</td>
<td>Sep-14-2018</td>
</tr>
<tr>
<td>Roseville</td>
<td>Sep-15-2018</td>
</tr>
<tr>
<td>Marshall</td>
<td>Sep-17-2018</td>
</tr>
<tr>
<td>Chatfield</td>
<td>Sep-18-2018</td>
</tr>
</tbody>
</table>
## Planting Date

<table>
<thead>
<tr>
<th>Location</th>
<th>Install date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand Rapids</td>
<td>Aug-31-2018</td>
</tr>
<tr>
<td>Brainerd</td>
<td>Sep-12-2018</td>
</tr>
<tr>
<td>East Grand Forks</td>
<td>Sep-13-2018</td>
</tr>
<tr>
<td>Fergus Falls</td>
<td>Sep-14-2018</td>
</tr>
<tr>
<td>Roseville</td>
<td>Sep-15-2018</td>
</tr>
<tr>
<td>Marshall</td>
<td>Sep-17-2018</td>
</tr>
<tr>
<td>Chatfield</td>
<td>Sep-18-2018</td>
</tr>
<tr>
<td>Bemidji</td>
<td>Aug-26-2019</td>
</tr>
<tr>
<td>International Falls</td>
<td>Aug-28-2019</td>
</tr>
<tr>
<td>Edina</td>
<td>Aug-30-2019</td>
</tr>
<tr>
<td>Worthington</td>
<td>Sep-4-2019</td>
</tr>
<tr>
<td>Duluth</td>
<td>Sep-6-2019</td>
</tr>
<tr>
<td>Willmar</td>
<td>Sep-11-2019</td>
</tr>
<tr>
<td>St. Cloud</td>
<td>Sep-18-2019</td>
</tr>
</tbody>
</table>
Edina update

- 66.4 % mean location grass coverage

Nov. 20, 2019
Research Implications
Can we find regional optimal mixtures?

<table>
<thead>
<tr>
<th>1ST DIGIT NATIVE/ NON-NATIVE</th>
<th>2ND DIGIT FUNCTION</th>
<th>3RD DIGIT PLANTING AREA</th>
<th>4TH DIGIT HYDROLOGY</th>
<th>5TH DIGIT VERSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Introduced</td>
<td>2. Mid-Term Stabilization</td>
<td>2. South 1/2 and West 1/3</td>
<td>Dry</td>
<td>2. Second version</td>
</tr>
<tr>
<td></td>
<td>5. Grassland</td>
<td>5. SW</td>
<td>Wet mesic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6. Woodland</td>
<td>6. SE</td>
<td>Seasonally flooded</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>7. Central</td>
<td>Saturated</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Emergent</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Submergent</td>
<td></td>
</tr>
</tbody>
</table>
What environmental factors are the main drivers in species coverage?
Acknowledgements

Advisors:
• Dr. Eric Watkins
• Dr. Jake Jungers

Other Committee Member
• Dr. Josh Friell

Post-Docs:
• Dr. Dominic Petrella
• Dr. Garett Heineck
• Dr. Dan Sandor

Other Scientists:
• Andrew Hollman
• Dr. Florence Sessoms
• Kris Moncada

• Dr. Jon Trappe

Graduate Students:
• Michael Laskowski
• Nicole Mihelich
• Yinjie Qiu
• Ryan Schwab

Other members of the turf lab group

Employees:
• Shawn Flynn
• MAST students

Funding:
• Local road research board/MnDOT
Questions?

Dom Christensen
chri3393@umn.edu
Date: February 13, 2020

To: Energy and Environment Commission

From:

Subject: Appoint Chair and Vice Chair

ACTION REQUESTED:

INTRODUCTION:
ACTION REQUESTED:
None.

INTRODUCTION:
Receive minutes from BEWG.

ATTACHMENTS:

BEWG Minutes, Jan 12, 2020
BEWG meeting 1/21/20

Attendees:
Michelle Horan
Carolyn Jackson
Nate Krosshell

Nate created a hand out with information about the GRBP along with the application. He visited the following businesses:
- Holiday gas station on Vernon. They were intrigued and would look into the application.
- Grab a Green
- Woullets - although they are a Minneapolis business

Have available for businesses, when discussing GBRP, information from Edina haulers that explain what can and cannot be recycled. Also update and have available for businesses the office energy efficiency handout

Confirm whether Edina restaurants were informed, through Solvei, about the GBRP. Noodles applied for GBRP but did not qualify. Michelle found actions they could take to get them to the minimum, but has not been able not reach the contact person.

Ask Tara:
1. If it is possible for another follow up article on the GBRP in About Town. The current issue contained a nice article on the program but focused mainly on solid waste. We want to make sure that businesses realizes the GBRP is about more than waste.
2. If we can connect back with Centennial Lakes to present the GBRP.

Carolyn is on the Community Foundation Board. The Foundation would like to continue to put on the CEO Round table that was done in conjunction with the Edina Chamber, however, the Chamber has pulled out. She is hoping that, in conjunction with the Morningside Rotary, they could put on the event and ask Doug Baker, (CEO EcoLab) and Dave MacLennen, CEO Cargill, to be speakers.

Michelle has a call with Sara Swenson, May Term Coordinator at the high school, about possible ways to connect seniors and the GBRP for a May Term project.

Carolyn will send out the document created for builders when they apply for their permits.
Date: February 13, 2020  
To: Energy and Environment Commission  
From: Carolyn Jackson, Chair  
Subject: Thank you to departing member

ACTION REQUESTED:

INTRODUCTION: 
Tonight is Commissioner Glahn's last meeting of his term.
To: Energy and Environment Commission

From: Tara Brown, Sustainability Manager

Subject: Climate Action Plan Update

ACTION REQUESTED:

INTRODUCTION:
Update of timeline of Climate Action Plan.
ACTION REQUESTED:

INTRODUCTION:
Update on the Pollinator resolution to City Council.
Date: February 13, 2020

To: Energy and Environment Commission

From:

Subject: 2020 Calendar

ACTION REQUESTED:

INTRODUCTION:

ATTACHMENTS:

2020 EEC Meeting and Roster List
2020 EEC Initiative Calendar
## 2020 Meetings and Events

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Event</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wed</td>
<td>Jan 29</td>
<td>Joint Presentation to Planning Commission and EEC</td>
<td>6:00 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Wed</td>
<td>Jan 29*</td>
<td>Regular Meeting</td>
<td>7:00 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Thurs</td>
<td>Feb 13</td>
<td>Regular Meeting</td>
<td>7:00 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Thurs</td>
<td>Mar 12</td>
<td>Regular Meeting</td>
<td>7:00 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Mon</td>
<td>Mar 30</td>
<td>Volunteer Recognition</td>
<td>6:00 pm</td>
<td>Braemar Golf Course</td>
</tr>
<tr>
<td>Thurs</td>
<td>April 2*</td>
<td>Regular Meeting</td>
<td>7:00 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Mon</td>
<td>April 20</td>
<td>Food Waste Screening and Panel</td>
<td>7:00 pm</td>
<td>Edina Community Ed</td>
</tr>
<tr>
<td>Tues</td>
<td>April 30</td>
<td>BC Member Annual Reception</td>
<td>6:00 pm</td>
<td>Braemar Golf Course</td>
</tr>
<tr>
<td>Thurs</td>
<td>May 14</td>
<td>Regular Meeting</td>
<td>7:00 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Thurs</td>
<td>June 11</td>
<td>Regular Meeting</td>
<td>7:00 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Thurs</td>
<td>July 9</td>
<td>Regular Meeting</td>
<td>7:00 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Thurs</td>
<td>August 13</td>
<td>Regular Meeting</td>
<td>7:00 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Thurs</td>
<td>Sept 10</td>
<td>Regular Meeting</td>
<td>7:00 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Tues</td>
<td>Sept 15</td>
<td>Work Session w/ City Council</td>
<td>5:30 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Thurs</td>
<td>Oct 8</td>
<td>Regular Meeting</td>
<td>7:00 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Thurs</td>
<td>Nov 12</td>
<td>Regular Meeting</td>
<td>7:00 pm</td>
<td>Community Room</td>
</tr>
<tr>
<td>Thurs</td>
<td>Dec 10</td>
<td>Regular Meeting</td>
<td>7:00 pm</td>
<td>Community Room</td>
</tr>
</tbody>
</table>

Attendance at Regular Meetings and Rescheduled Regular Meetings are counted towards attendance policy.

*Note: Meeting date is different than the common recurrence

### Chair and Vice Chair specific meetings

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Event</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tues</td>
<td>TBD</td>
<td>Chair and Vice Chair Annual Meeting</td>
<td>5:00 pm</td>
<td>Braemar Golf Course</td>
</tr>
<tr>
<td>Tues</td>
<td>Oct 6</td>
<td>2020 Work Plan Review w/ Council (Chair only)</td>
<td>5:30 pm</td>
<td>Community Room</td>
</tr>
</tbody>
</table>

### Roster

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glahn, Bill</td>
<td><a href="mailto:billglahn@aol.com">billglahn@aol.com</a></td>
</tr>
<tr>
<td>Horan, Michelle</td>
<td><a href="mailto:mhoran00@gmail.com">mhoran00@gmail.com</a></td>
</tr>
<tr>
<td>Hussian, Paul</td>
<td><a href="mailto:pahussian@hotmail.com">pahussian@hotmail.com</a></td>
</tr>
<tr>
<td>Jackson, Carolyn (Chair)</td>
<td><a href="mailto:bjandcj@aol.com">bjandcj@aol.com</a></td>
</tr>
<tr>
<td>Lanzas, Bayardo</td>
<td><a href="mailto:blanzas@artaxstudio.com">blanzas@artaxstudio.com</a></td>
</tr>
<tr>
<td>Manser, Richard</td>
<td><a href="mailto:richardmanser@icloud.com">richardmanser@icloud.com</a></td>
</tr>
<tr>
<td>Martinez, Ana</td>
<td><a href="mailto:anam22696@isd273.org">anam22696@isd273.org</a></td>
</tr>
<tr>
<td>Maynor, Chloe</td>
<td><a href="mailto:chloem20475@isd273.org">chloem20475@isd273.org</a></td>
</tr>
<tr>
<td>Satterlee, Lauren (Vice Chair)</td>
<td><a href="mailto:lauren.mpls.mn@gmail.com">lauren.mpls.mn@gmail.com</a></td>
</tr>
<tr>
<td>Seeley, Melissa</td>
<td><a href="mailto:msee10@me.com">msee10@me.com</a></td>
</tr>
<tr>
<td>Brown, Tara (Liaison)</td>
<td><a href="mailto:tbrown@edinamn.gov">tbrown@edinamn.gov</a></td>
</tr>
<tr>
<td>Casella, Casey (City Fellow)</td>
<td><a href="mailto:ccasella@edinamn.gov">ccasella@edinamn.gov</a></td>
</tr>
</tbody>
</table>
Bike Rack Ideas

- Increase street sweeping, water quality improvements, and conservation actions
- Education and outreach events
- Enhanced tree ordinance
- City owned building energy efficiency
- Partnering with other cities on resident outreach and congregation outreach
- Citywide waste collection day
- To-go packaging and plastic bag ordinances
- Develop a program with realtors to give sellers the opportunity to showcase environmental improvement to their home
<table>
<thead>
<tr>
<th>Events</th>
<th>Items of Focus</th>
<th>Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAN</td>
<td>- EEC meeting (1/29)</td>
<td>- 6pm Passive Homes (Mike Woosley)</td>
</tr>
<tr>
<td>FEB</td>
<td>- EEC meeting (2/13)</td>
<td>- Salt Resistant Grass (Dom Christensen)</td>
</tr>
<tr>
<td>MAR</td>
<td>- EEC meeting (3/12)</td>
<td>Planning EPS Event</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- 2019 efficiency reporting</td>
</tr>
<tr>
<td>APR</td>
<td>- EEC meeting (4/2)</td>
<td>- Fourth of July Prep</td>
</tr>
<tr>
<td></td>
<td>- EPS Comm Educ Event (4/20)</td>
<td>- Annual Water Resources Report</td>
</tr>
<tr>
<td>MAY</td>
<td>- EEC meeting (5/14)</td>
<td>Working document to review</td>
</tr>
<tr>
<td>JUNE</td>
<td>- EEC meeting (6/11)</td>
<td>-Wood Smoke education</td>
</tr>
<tr>
<td>JULY</td>
<td>- EEC meeting (7/14)</td>
<td>Fourth of July Parade</td>
</tr>
<tr>
<td>AUG</td>
<td>- EEC meeting (8/13)</td>
<td>- Work plan discussion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-Strategy offsite</td>
</tr>
<tr>
<td>SEP</td>
<td>- EEC meeting (9/10)</td>
<td>- Work Plan approval</td>
</tr>
<tr>
<td></td>
<td>- EEC work session (9/15)</td>
<td>- Work Plan due</td>
</tr>
<tr>
<td></td>
<td>- Open Streets</td>
<td></td>
</tr>
<tr>
<td>OCT</td>
<td>- EEC meeting (10/8)</td>
<td>Chair present Work Plan to Council</td>
</tr>
<tr>
<td>NOV</td>
<td>- EEC meeting (11/12)</td>
<td>- May Term Opportunities for Student</td>
</tr>
<tr>
<td>DEC</td>
<td>- EEC meeting (12/10)</td>
<td></td>
</tr>
</tbody>
</table>
Additional Speakers or items to cover in the year:

- Master Gardeners – Jon Scoll