

# City of White Bear Lake Environmental Advisory Commission

## AGENDA

Date: November 17, 2021

Time: 6:30pm

Location: City Hall

- 1. CALL TO ORDER** **6:30pm**
- 2. APPROVAL OF AGENDA**
- 3. APPROVAL OF MINUTES** **6:35pm**
  - a) October 20, 2021 regular meeting
- 4. VISITORS & PRESENTATIONS**

None
- 5. UNFINISHED BUSINESS** **6:40pm**
  - a) 2021 budget
  - b) 2021 work plan
- 6. NEW BUSINESS**
  - a) 2022 draft work plan
- 7. DISCUSSION** **7:45pm**
  - a) Staff updates
    - Environmental updates memo to Council
    - Video of Climate Smart Municipalities presentation
  - b) Commission member updates
  - c) Do-outs
  - d) December agenda
- 8. ADJOURNMENT** **8:00pm**

[Please notify us at least one day before the meeting if you are unable to attend](#)



City of White Bear Lake  
City Engineer's Office

# MEMORANDUM

**To:** Environmental Advisory Commission  
**From:** Connie Taillon, Environmental Specialist/Water Resources Engineer  
**Date:** November 12, 2021  
**Subject:** Staff Memo – Action Items for the November 17, 2021 EAC Meeting

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## 5. UNFINISHED BUSINESS

### a) 2021 budget

The 2021 budget is included in the packet.

Action: Review the 2021 budget and discuss reusable bag options for purchase in 2021.

### b) 2021 Work Plan

The 2021 work plan is included in the packet.

Action: Continue to discuss current projects including the presentation to Council. A copy of the 2019 EAC accomplishments presentation is attached.

## 6. NEW BUSINESS

### a) 2022 Draft Work Plan

The 2022 draft work plan is included in the packet.

Action: Begin discussing priority initiatives for 2022. The presentation to City Council has been added as a 2022 priority as per your request at the October meeting. Consider reviewing the GreenStep Cities “29 best practices” for other ideas:

<https://greenstep.pca.state.mn.us/best-practices>

## **EAC 2021 Budget**

Budget for 2021	\$500.00
Expenditures:	
2 feather flags	\$331.02
TOTAL REMAINING	\$168.98

## **Potential Budget Items for 2021**

2 Expo signs @ ~\$300

Reusable bags

1 Rain barrel

Expo exhibit improvements

### **Reusable Bag Websites**

WBL company: <https://www.nimblepromo.com/pd/TPXPM-MKKSV/atlas-non-woven-grocery-tote>

Recycling promotions company in MN:

<https://www.recyclingpromotions.us/catalogsearch/result/?q=tote+bag>

MN company with eco options: <https://www.wedothatpromotions.com/bagseco.htm>

Stillwater, MN: <https://promoridge.com/ProductResults/?SearchTerms=Totes>

Cheap and I believe you can find made in USA products:

<https://www.4imprint.com/search/tote%20bags>

## **Ideas**

Rain barrel giveaway

Milkweed seeds for residents – *purchased in 2020*

Storm drain stenciling/adopt a storm drain program

Handouts for the expo

Rebates (solar, LED's organics bags, plants, toilets, energy audits, etc.

Attend workshops

Complementary energy audit

## Environmental Advisory Commission 2021 Work Plan

Month	Recurrent Agenda Items	Activities/Events /Speakers
January	<ul style="list-style-type: none"> <li>• Environmental Resource Expo planning</li> <li>• Priority goal(s) planning</li> </ul>	
February	<ul style="list-style-type: none"> <li>• Spring newsletter articles - adopt a drain &amp; spotlight on sustainability</li> <li>• Environmental Resource Expo planning</li> <li>• High priority goals</li> </ul>	
March	<ul style="list-style-type: none"> <li>• Environmental Resource Expo planning</li> <li>• High priority goals</li> <li>• National Mayor's Water Challenge</li> <li>• Discuss upcoming annual SWPPP meeting</li> </ul>	<p>Street Project discussion</p> <p>SWMP discussion</p>
April	<ul style="list-style-type: none"> <li>• Environmental Resource Expo planning</li> <li>• High priority goals</li> </ul>	
May	<ul style="list-style-type: none"> <li>• Environmental Resource Expo planning</li> <li>• High priority goals</li> </ul>	
June	<ul style="list-style-type: none"> <li>• Environmental Resource Expo planning</li> <li>• High priority goals</li> </ul>	
July	<ul style="list-style-type: none"> <li>• Environmental Resource Expo planning</li> <li>• High priority goals</li> </ul>	
August	<ul style="list-style-type: none"> <li>• No official meeting this month</li> </ul>	<p>Environmental Resource Expo, Aug 6th</p>
September	<ul style="list-style-type: none"> <li>• 2021 Work Plan</li> <li>• Volunteer Recognition Dinner slide show ideas</li> <li>• Prepare for joint meeting with Parks Commission</li> </ul>	
October	<ul style="list-style-type: none"> <li>• 2021 Work Plan</li> <li>• Commission Officer Election – Chair, Vice-Chair</li> <li>• Prepare for joint meeting with Parks Commission</li> </ul>	
November	<ul style="list-style-type: none"> <li>• Joint meeting with Parks Commission</li> </ul>	
December	<ul style="list-style-type: none"> <li>• Approve 2021 Work Plan</li> </ul>	<p>Holiday Treats</p>

### High Priority Goals for 2021

- Plastic bag ordinance
- Zero waste events
- Pollinator plantings
- DT area recycling
- Reducing contamination in recycling (scrap metal, batteries, plastic bags) – staff request

## **Other goals**

- Solar on buildings
- IDDE lawn clippings and trash
- Partnering with Xcel Energy on special projects
- Salt management education
- Expo exhibit upgrades: tent weights, banner, battery powered lawn equipment display
- Promote high quality of drinking water (reduce bottled water use)
- Enforcement of water ordinance and illicit discharge ordinance (grass clippings)– door hangers, etc
- EAC duties/goals
- Restaurant composting
- Pollinator garden tours/promotion/map of gardens
- Shoreview water smart app
- Microplastics
- Drinking water quality
- Enforcement of water ordinance and illicit discharge ordinance (grass clippings)– door hangers, etc

## **Climate Smart Municipalities topics**

- Community solar and solar panels on City buildings
- Charge for plastic bags
- Single use plastics
- Climate change resolution
- Partner with Xcel Energy for Projects
- Air quality-lawn equipment (City and private).
- Energy focus, specifically renewables

## **Ramsey County Solid Waste Master Plan topics**

- Curbside collection of bulky items for recycling
- Inclusion of small businesses in City recycling service
- Textile recycling (curbside, special collection, or drop-off) – required by 2019

## **MS4 Permit topics**

- Salt management education

## **Current initiatives**

LED lighting in City Hall, Public Safety, and Public Works

EV chargers in DT parking lots

Fleet vehicle analysis

Climate Action Steering Committee

## Environmental Advisory Commission 2022 Work Plan - DRAFT

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### High Priority Goals for 2022

- Presentation to City Council (introductions, past accomplishments, upcoming initiatives)

## **High Priority Goals for 2022**

- Plastic bag ordinance
- Zero waste events
- Pollinator plantings
- DT area recycling
- Reducing contamination in recycling (scrap metal, batteries, plastic bags) – staff request

## **Other Goals**

- No Mow May
- Solar on buildings
- IDDE lawn clippings and trash
- Partnering with Xcel Energy on special projects
- Salt management education
- Expo exhibit upgrades: tent weights, banner, battery powered lawn equipment display
- Promote high quality of drinking water (reduce bottled water use)
- Enforcement of water ordinance and illicit discharge ordinance (grass clippings)– door hangers, etc
- EAC duties/goals
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- Shoreview water smart app
- Microplastics
- Drinking water quality
- Enforcement of water ordinance and illicit discharge ordinance (grass clippings)– door hangers, etc

**Review GreenStep Cities website:** <https://greenstep.pca.state.mn.us/best-practices>

## **Climate Smart Municipalities topics**

- Community solar and solar panels on City buildings
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- Climate change resolution
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## **Ramsey County Solid Waste Master Plan topics**

- Curbside collection of bulky items for recycling
- Inclusion of small businesses in City recycling service
- Textile recycling (curbside, special collection, or drop-off) – required by 2019

## **MS4 Permit topics**

- Salt management education
- Dog waste

## **Current initiatives**

LED lighting in City Hall, Public Safety, and Public Works

EV chargers in DT parking lots

Fleet vehicle analysis

Climate Action Steering Committee

Sports Center Upgrades and solar

City facility energy Audit - Trane



City of White Bear Lake  
City Engineer's Office

# MEMORANDUM

**To:** Ellen Hiniker, City Manager  
**From:** Connie Taillon, Environmental Specialist/Water Resources Engineer  
**Date:** November 3, 2021  
**Subject:** **Environmental Updates**

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## 2021 RAINGARDEN PROGRAM

The City partnered with the Vadnais Lake Area Water Management Organization (VLAWMO) and Ramsey County Soil & Water Conservation Division (Ramsey County SWCD) to construct one landowner curb-cut raingarden as part of the City's 2021 street renovation project. Seven landowners were interested in a raingarden, but only one property was a good fit. VLAWMO provided a cost share grant to the landowner that covered 90% of the materials and construction cost of the raingarden, the City provided the curb cut and Ramsey County SWCD designed the raingarden free of charge to the landowner, and the landowner covered the other 10% of the materials and construction cost and entered into a maintenance agreement with VLAWMO.

The raingarden program is a voluntary program offered to landowners within street renovations projects. A total of fourteen residential curb-cut raingardens have been installed through this program since 2018.



*Newly constructed raingarden on Lakehill Circle*



## **RAINGARDEN PROGRAM PRESENTATION - CONFERENCE ON THE ENVIRONMENT**

The Rice Creek Watershed District and City of White Bear Lake were invited to speak at the 36<sup>th</sup> annual Conference on the Environment on November 9, 2021, which will be held virtually. The presentation will focus on our partnership in creating the raingarden program that is offered to landowners as part of the City's annual street renovation program. The conference is co-hosted by the Upper Midwest Section of Air & Waste Management Association and the Central States Water Environment Association and has become one of the premier conferences in the Upper Midwest addressing today's pertinent environmental issues.

## **CITY PARKING LOT STORMWATER PROJECTS**

The City installed two Rain Guardian Turrets this summer in conjunction with the 2021 Matoska Park parking lot rehabilitation project. Runoff from the approximately one acre City owned parking lot previously flowed untreated into White Bear Lake. The Rain Guardian Turrets now provide sediment and debris removal from parking lot runoff prior to discharging into the lake. Additional treatment at this location via infiltration is not feasible due to the close proximity of the lake. The City received a grant from Rice Creek Watershed District for up to \$4,000 to cover half the cost of the Turret structures and installation.



*New Rain Guardian Turret structure at Matoska Park*

A third Rain Guardian Turret structure was installed this summer as part of the Lakewood Hills Park parking lot rehabilitation project. This Turret will serve as a pretreatment structure for a future raingarden that is proposed to be constructed in 2022. The City is currently working with the Ramsey Washington Metro Watershed District (RWMWD) on the design of the raingarden, and will apply for a RWMWD cost share grant in early 2022 to help cover the cost of raingarden construction.

## Current Do-Outs

### Commission Members

- prepare for next month's 2022 work plan discussion
- Bonnie to add to token spreadsheet
- Gary to organize a potential buckthorn removal event with RWMWD and YMCA at the YMCA and Lakewood Hills Park.
- Gary will contact Jake from Specialized Technologies to speak at a future EAC meeting.
- ~~— Cheryl to draft email asking to install air quality sensors on City buildings~~
- ~~— Bring laptop to all future meetings~~

### Staff

- ~~— Add EAC presentation to Council on 2022 draft work plan~~
- Email 2019 EAC accomplishments presentation
- Email air quality sensor info to Public Works
- Ask Police Department about their reusable bags (?)
- Reconnect with County re: broken organics dumpster lid
- Send a reminder email to bring laptops to the meeting
- ~~— Bring laptop to all future meeting meetings~~
- Contact Ellen to get an update from the MPCA on the status of testing at County E and Bellaire
- ~~— Provide draft BYOB PowerPoint for staff's review~~
- ~~— Ask Ellen when EAC can present the BYOB information to Council~~
- Schedule tour of Newport facility at a date TBD
- Purchase compostable products for City events
- Add water use tracking app to CSM action items
- Show the WBAHS winning video at a future meeting
- Add AIS ID information to the website and update adopt a drain page
- Watershed district map (large scale with aerial photo)