

City of White Bear Lake Environmental Advisory Commission

AGENDA

Date: January 20, 2020

Time: 6:30pm

Location: City Hall

- 1. CALL TO ORDER** **6:30pm**
- 2. APPROVAL OF AGENDA**
- 3. APPROVAL OF MINUTES** **6:35pm**
 - a) December 16, 2020 regular meeting
- 4. VISITORS & PRESENTATIONS**

None
- 5. UNFINISHED BUSINESS** **6:40pm**
 - a) East Goose Lake community survey – *Action item*
 - b) East Goose Lake community survey announcement – *Action item*
 - c) East Goose Lake survey support roles – *Action item*
 - d) 2021 draft work plan – *Action item*
 - e) 2021 budget – *Action item*
- 6. NEW BUSINESS**
 - a) Climate justice education bill
- 7. DISCUSSION** **7:45pm**
 - a) Staff updates
 - Reissued MS4 General Permit
 - b) Commission member updates
 - c) Do-outs
 - d) February agenda
- 8. ADJOURNMENT** **8:00pm**

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

Staff Memo – Environmental Advisory Commission, January 20, 2021

5. UNFINISHED BUSINESS

a) East Goose Lake community survey

The draft East Goose Lake community survey that was presented at the December 16th EAC meeting has been revised based on commission member comments. VLAWMO staff will be in attendance to present the revised survey. A copy of the survey is included in the January 20th packet for final review and consideration for approval. If approved, the survey would then be distributed to the community.

Action: Review the attached revised survey and consider approving the survey for distribution.

b) East Goose Lake community survey announcement

The East Goose Lake Team (VLAWMO and City staff) are requesting that the EAC consider drafting a short announcement that would introduce and promote the community survey in the White Bear Press.

Action: Discuss general language for the survey announcement and consider approval of general talking points and appointing one EAC member as the author, if necessary.

c) East Goose Lake survey support roles

At the December 16th EAC meeting, commission members were in support of discussing other possible opportunities for the EAC to assist with the East Goose Lake adaptive management community engagement process. VLAWMO staff will be in attendance to discuss potential opportunities for collaboration.

Action: Review the attached list of possible EAC support roles and consider approving the list.

d) 2021 draft work plan

The 2021 draft work plan and a summary of the top three priority projects reported by each commission member at the November meeting is included in the packet. The top priorities for 2021 include a plastic bag ordinance, zero waste events, downtown area recycling, and pollinator plantings.

Action: Continue to discuss top priority projects for 2021 and consider finalizing the 2021 Work Plan.

e) 2021 budget

In 2020 staff purchase two of four feather flags for the Environmental Expo. Only two flags were purchased in order to stay within the 2020 budget. At the start of the year the EAC \$500 budget was replenished, allowing for the purchase of two additional flags.

Action: Consider approving up to \$300 for the purchase of two feather flags for the Environmental Expo, and directing staff to complete the purchase.

6. NEW BUSINESS

a) Climate justice education bill

Discuss the request from Kathleen that was emailed to commission members asking for support of integrating climate justice education in all core subjects and throughout all grade levels. Kathleen's email and the Climate Justice Education Bill is included in the packet for consideration.

City of White Bear Lake Environmental Advisory Commission

MINUTES

Date: December 16, 2020	Time: 6:30pm	Location: WBL City Hall
COMMISSION MEMBERS PRESENT	Sheryl Bolstad, Bonnie Greenleaf, Rick Johnston, Gary Schroeher (Chair),	
COMMISSION MEMBERS ABSENT	Chris Greene, Robert Winkler, Valeria Diaz, Sage Durdle	
STAFF PRESENT	Connie Taillon, Environmental Specialist	
VISITORS	Dan Jones, WBL resident, VLAWMO Director and City Council Member; Phil Belfiori, VLAWMO Administrator; Dawn Tanner, VLAWMO Program Development Coordinator; Nick Voss, VLAWMO Education & Outreach Coordinator	
NOTETAKER	Connie Taillon	

1. CALL TO ORDER

The meeting was called to order at 6:32pm.

2. APPROVAL OF AGENDA

The commission members reviewed the agenda and had no changes. Commissioner Johnston moved, seconded by Commissioner Bolstad, to approve the agenda as presented.

Roll call vote:

Bolstad: Aye
Greene: Absent
Greenleaf: Aye
Johnston: Aye
Schroeher: Aye
Winkler: Absent
Diaz: Absent
Durdle: Absent

Motion carried.

3. APPROVAL OF MINUTES

a) November 18, 2020 regular meeting

The commission members reviewed the November 18, 2020 draft minutes and had the following change: last paragraph on page 3, change 'yad' to 'yard'. Commissioner Greenleaf moved, seconded by Chair Schroeher, to approve the minutes of the November 18, 2020 meeting as amended.

Roll call vote:

Bolstad: Aye
Greene: Absent
Greenleaf: Aye
Johnston: Aye
Schroeher: Aye
Winkler: Aye
Diaz: Aye
Durdle: Absent

Motion carried.

4. VISITORS & PRESENTATIONS

Taillon introduced visitors Dan Jones, WBL resident, VLAWMO Director and City Council Member; Phil Belfiori, VLAWMO Administrator; Dawn Tanner, VLAWMO Program Development Coordinator; and Nick Voss, VLAWMO Education & Outreach Coordinator, who were in attendance to discuss the East Goose Lake Adaptive Lake Management process and associated public engagement.

Mr. Jones stated that he and Vadnais Lake Area Water Management Organization (VLAWMO) staff are attending the meeting to ask the Environmental Advisory Commission for help to address the polluted condition of East Goose Lake by supporting VLAWMO’s Adaptive Lake Management planning process, and helping with public engagement as a first step in that process. Mr. Jones provided a background of Goose Lake, noting that the lake is shown on maps of the area dating back before Minnesota became a state in 1858. He mentioned that over the past 100 years, the lake has been mistreated and as a consequence has been listed as an impaired water by the Minnesota Pollution Control Agency. Mr. Jones gave an overview of past Goose Lake cleanup planning efforts, stating that the planning process started 3 years ago and in 2019 a Minnesota Board of Water & Soil Resources (BWSR) grant was applied for to help fund an alum treatment on East Goose Lake that would treat internal phosphorus load, which is roughly 80% of phosphorus load in East Goose Lake. In the grant, VLAWMO stated that it would pursue a temporary motor boat restriction of 1 to 2 years. That request was asked of the City of White Bear Lake – the legal authority to enact the ordinance. The DNR would then approve the temporary restriction. Some of the lake shore owners were not in favor and voiced their concern to the City Council. It was then voted on by the VLAWMO Board of Directors to withdraw the request from the city for three reasons; 1) a positive thing like cleaning up a polluted lake was becoming very negative, 2) it was very apparent that the City Council was not going to pass the temporary restrictions, and 3) it didn’t appear that the DNR would approve the temporary ban of motors, something that the DNR has never have done for any type of recreational lake. Since VLAWMO could not get the motor restrictions, which no water management organization has ever gotten, BSWR changed the grant conditions and timeline where it didn’t make financial sense for VLAWMO to accept the grant because it would cost more, in a shorter timeline, than accepting the grant money. Mr. Jones stated that they are here to restart the process using a more adaptive approach. Mr. Jones introduced Mr. Belfiori, then left the meeting.

Mr. Belfiori presented reasons for pursuing a healthier East Goose Lake and noted the lake’s impairment status by the Minnesota Pollution Control Agency. He explained that the City, as a stormwater permittee, is now required to report annually on the progress of nutrient impairment and loading into East Goose Lake, called Total Maximum Daily Load (TMDL). Mr. Belfiori presented an Adaptive Lake Management (ALM) approach toward a healthier East Goose Lake that would rely on stakeholder input, project implementation, and monitoring. A departure from the overall more costly and restrictive grants in the past, he outlined steps to implement the ALM approach:

Step 1: Input sought, compiled, synthesized	<ul style="list-style-type: none"> • Neighborhood meeting(s), mailing follow-up • Community engagement: stakeholder survey, web resource, and other engagement events/activities.
Step 2: Continue developing ALM approach and authorize initial projects	<ul style="list-style-type: none"> • Goals and projects established, selected and initial projects authorized
Step 3: Implement initial projects	<ul style="list-style-type: none"> • Feedback and evaluation of project implementation
Step 4: Based on feedback and results, continue implementing ALM projects	<ul style="list-style-type: none"> • Feedback and evaluation of project implementation

Mr. Belfiori discussed next steps for community engagement that includes a public web resource and survey. Input from the community engagement process will be combined in a report back to the City Council, VLAWMO Board, and community.

After the presentation, Mr. Belfiori asked the commission members if they have any questions.

Chair Schroeher asked if the survey will go to all residents in White Bear Lake. Mr. Belfiori responded that the survey will go to key stakeholder groups such as residents and businesses in the City of White Bear Lake and downstream of the lake and to local leaders.

Commissioner Bolstad asked if the lakeshore residents included properties on the east side of the lake. Ms. Tanner responded that the team conducted a neighborhood meeting for lakeshore properties on December 1st, which did not include the properties across White Bear Avenue on the east side of the lake.

VLAWMO staff agreed with Chair Schroeher that when the lake becomes clearer, the vegetation will begin growing and an ongoing plan for its control will need to be implemented. Commissioner Johnston suggested not using the word 'weeds' when referring to native aquatic vegetation.

In response to a question about algae, Ms. Tanner stated that blue-green algae has occurred in East Goose Lake. The MN Pollution Control Agency only gets involved when a person or pet gets sick. Commissioner Johnston asked if there has been testing for other contaminants. Chair Schroeher suggested that other pollutants be tested.

VLAWMO staff responded to Chair Schroeher's question about other options to clean the lake such as dredging, stating that dredging was considered but was very expensive.

Commission members discussed their support of a healthier East Goose Lake and the East Goose Lake adaptive management process. Commissioner Greenleaf stated that she would like the commission to create a resolution of support. Mr. Belfiori suggested that a good time to include a resolution of support from the commission might be when VLAWMO and the City provide a report to City Council on the results of community engagement.

5. NEW BUSINESS

a) East Goose Lake Public Survey

Mr. Belfiori provided an overview of the draft Goose Lake survey and asked if the commission members could review and provide comments on the draft community survey, and consider approval of the revised survey at their January 20th meeting. Chair Schroeher expressed his support of the survey but suggested that the survey be kept short. Commission members agreed to provide comments on the draft survey by the end of the day on Friday, January 8th. Mr. Voss mentioned that there may be other opportunities for the commission to support and assist with community engagement such as hosting an engagement event. He stated that VLAWMO and City staff could compile a list of possible engagement assistance for discussion at their January 20th meeting. All four commission members in attendance were supportive of adding this discussion to their January 20, 2021 agenda.

b) 2020 budget

Commissioner Greenleaf stated that she would like the commission to purchase native seeds to give away at the Expo with the remaining 2020 budget. Commissioner Greenleaf and Commissioner Bolstad will meet and come up with ideas for seed purchases. Taillon will place the order with a native seed company.

- c) 2021 draft work plan
Tabled until the January meeting

6. UNFINISHED BUSINESS

- a) 2020 budget
Taillon reported that the native seed packets have been purchased for a total of \$210, with \$2.90 remaining in the 2020 budget. Taillon stated that the seeds were delivered. Commissioner Greenleaf offered to store the seeds at her house.
- b) 2020 work plan high priority goals
Tabled until the January meeting
- c) 2021 draft work plan
Tabled until the January meeting
- d) Surface Water Management Plan review
Taillon asked if the commission members have any comments after reviewing the draft surface water management plan. Chair Schroeder emailed comments to Taillon prior to the meeting. Commissioner Bolstad stated that some of the local flooding areas identified in the plan may have been addressed as part of the 2020 street projects and should be removed. She also mentioned that not all drains are included on the Adopt-a-Drain website map. Taillon stated that she will provide an updated map to the Adopt-a-Drain administrator. Taillon will incorporate comments received by the commission and provide a revised plan for review, possibly at the January meeting.

7. DISCUSSION

- a) Staff updates
 - Reissued MS4 General Permit
Tabled until the January meeting
 - Eureka Recycling composition study
Taillon stated that Eureka Recycling conducted a recycling audit in November for the City's curbside recycling program, and they found that the residual, or non-recyclable, component increased to just over 13%, up from approximately 9.5%. The three most common and concerning non-recyclable items found in the recycling are plastic bags; miscellaneous metal objects such as car parts, pots and pans, and metal coat hangers; and batteries. Taillon mentioned that the City will begin educating the public immediately, starting with a half page ad in the White Bear Press and postings on Facebook.
- b) Commission member updates
 - Recycling ambassador program, Chair Schroeder
Chair Schroeder announced that he completed the 6-week course and is now a Recycling Ambassador. He summarized what he learned in the final course, which included a discussion about what is and is not recyclable.
- c) Do-outs
New do-out items for December 18, 2020 include:
 - Commission members to review the draft East Goose Lake public survey and email comments to Taillon by January 8, 2020.
 - Taillon to send current storm sewer map to Adopt-a-Drain administrator.
 - Taillon to incorporate commission member comments in the SWMP.

d) January agenda

Include E. Goose Lake public survey for approval, possible East Goose Lake public engagement opportunities, SWMP endorsement, and 2021 work plan.

8. ADJOURNMENT

Commissioner Greenleaf moved, seconded by Commissioner Bolstad to adjourn the meeting at 8:38 pm.

Roll call vote:

Bolstad: Aye

Greene: Absent

Greenleaf: Aye

Johnston: Aye

Schroeder: Aye

Winkler: Absent

Diaz: Absent

Durdle: Absent

Motion carried.

DRAFT

East Goose Lake Community Engagement Survey

The Vadnais Lake Area Water Management Organization (VLAWMO) and the City of White Bear Lake are conducting stakeholder engagement to guide proposed lake management, reduce water pollution, and improve water quality. The overall goal of this effort is to achieve a healthier lake.

To get started, we are interested in knowing your priorities and concerns. By filling out this short survey (**Ave complete time: # minutes**), you are providing input to help partners prioritize projects that seek to restore this public waterbody.

We thank you and appreciate your participation.

1. Select the descriptions that apply to you. (select all that apply)

- I am a homeowner on East Goose Lake
- I live within ¼ mile of East Goose Lake
- I live elsewhere in the City of White Bear Lake
- I live on or near Lambert Creek
- I live in a nearby community
- I am an owner/representative of a business on East Goose Lake
- I am an owner/representative of a business within ¼ mile of East Goose Lake
- I am an owner/representative of a business elsewhere in the City of White Bear Lake
- I am an owner/representative of a business near Lambert Creek
- I am an owner/representative of a business in a nearby community
- I serve on a city or other local commission
- Other (please describe)

2. How do you use East Goose Lake? (select all that apply)

- I swim from shore or a boat
- I waterski
- I pleasure cruise by motorboat
- I paddle/kayak
- I sail
- I fish by boat
- I fish from shore
- I bike or walk along the lake
- I let my dog swim in the lake
- I ice skate, ski, or snowshoe on the lake
- I snowmobile, motor bike, or ATV on the lake
- I watch and/or photograph wildlife
- I commute by the lake for travel or for work
- I don't use the lake directly, but I like looking at it
- Other (please describe)

3. What current **issues or concerns** do you have regarding East Goose Lake? (select all that apply)

- High levels of pollutants, resulting in the Minnesota Pollution Control Agency designating it as an impaired lake
- Excessive phosphorous causing algae blooms and poor water clarity
- Recreation inhibited by algae growth
- Toxic algae potentially endangering pets
- Presence of aquatic invasive species such as curly-leaf pondweed
- Potential impact on downstream waterbodies
- Road salt washing into the lake
- Absence of game fish
- Lack of wildlife habitat
- Odors from the lake
- Trash and debris in the lake or on the shore
- Sediment building up from stormdrain outfalls
- Shoreline erosion
- Low lake levels
- Flooding
- None
- Other (please describe)

4. What are your **hopes** for the future of East Goose Lake? (select all that apply)

- A lake that meets State water quality standards and is no longer on the list of impaired lakes
- A healthier lake, even if it does not meet standards
- Less trash and debris in the lake and on the shore
- Reduced shoreline erosion
- More native plants and pollinators
- Improved swimming from shore or a boat
- Improved waterskiing
- Improved fishing
- Improved pleasure cruising by motorboat
- Improved paddling/kayaking
- Improved sailing
- Improved biking or walking along the lake
- Improved wildlife watching/photography
- Improved fish and wildlife habitat
- Improved public access
- Having a voice in the process of lake management
- No changes to the lake
- Other (please describe)

5. What are your **concerns** for the future of East Goose Lake? (select all that apply)

- Delayed progress towards achieving a healthier lake
- Aquatic vegetation growth due to improved water clarity
- Increased public access
- Increased recreational use of the lake
- Increased management effort and cost required to keep the lake healthy
- Not having a voice in the process of lake management
- None
- Other (please describe)

6. If you do not currently use the lake, would you do so if it was healthier?

- Yes
- No

7. How do you see yourself engaging in the process to help achieve a healthier East Goose Lake? (select all that apply)

- Attending meetings and webinars focused on East Goose Lake
- Providing feedback in a variety of venues (staff contact, meetings, etc.)
- Conducting citizen science lake monitoring
- Becoming an aquatic invasive species (AIS) detector on East Goose Lake
- Informing residents about the condition of the lake
- Volunteering to help organize events to improve the lake
- Volunteering by taking photos at a picture post station
- Participating in the Adopt-a-Drain program (adopt-a-drain.org)
- Adding native plants or a raingarden in my yard
- Helping with maintenance on an existing raingarden in a public space
- I don't see myself engaging in the process
- Other (please describe)

8. What are the best ways to provide you more information?

- City of White Bear Lake newsletter (via postal mail)
- City of White Bear Lake website
- City of White Bear Lake Facebook/Twitter
- VLAWMO email newsletter
- VLAWMO website
- VLAWMO Facebook/Twitter
- Regular mail (letter or postcard)
- Events/open houses/workshops (online or in person)
- White Bear Press
- Major newspapers
- Other (please describe)

9. Please provide any additional comments regarding East Goose Lake efforts.

For more information please visit [\(website\)](#).

East Goose Lake Adaptive Lake Management Public Engagement

Collaboration opportunities between the East Goose Lake Team and the WBL EAC

Survey support:

- Review and comment (Completed)
- Consider approval
- Test survey for time requirement (Respond to Connie by end of day Friday the 22nd)
- Write announcement to the Press introducing and promoting the survey
- Take survey and recruit others
- Review and provide feedback on materials generated by the East Goose Lake team (website, graphs, etc.)

Top priorities for 2021

Plastic bag ordinance (4 votes)

Zero waste events (3 votes)

Pollinator plantings (2 votes)

DT area recycling (2 votes)

Solar on buildings (1 vote)

IDDE lawn clippings and trash (1 vote)

Partnering with Xcel Energy on special projects (1 vote)

Salt management education (1 vote)

Gary

- Pollinator Plantings
- Zero waste City events
- Plastic bag ordinance

Bonnie

- Pollinator plantings
- Solar on buildings
- Plastic bag ordinance

Sheryl

- DT area recycling
- Zero waste City events
- Plastic bag ordinance

Bob

- IDDE lawn clippings and trash
- Partnering with Xcel Energy on special projects
- Salt management education

Rick

- Plastic bag ordinance
- DT recycling and expand to other areas
- Zero waste events

Environmental Advisory Commission 2021 Work Plan

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

High Priority Goals for 2021

- Expo exhibit upgrades: tent weights, banner, battery powered lawn equipment display
- Downtown area recycling containers
- Pollinator plantings on City property
- Zero waste City events

- Plastic bag ordinance
- Solar on City buildings
- 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

Other goals

- 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

EAC 2020 Budget

Budget for 2021	\$500.00
Expenditures:	
TOTAL REMAINING	\$500.00

Potential Budget Items for 2021

2 Expo signs @ ~\$300

Expo exhibit improvements

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

To:

SherylBolstad100@gmail.com;
Greenleaf.bonnie@gmail.com;
gschroeher@hotmail.com;
greene1634@yahoo.com;
bobw27@hotmail.com;
rmjmn@aol.com;
928445@isd624.org;

...

Cc:

mn-climate-justice-ed@googlegroups.com;

To help protect your privacy, some content in this message has been blocked. To re-enable the blocked features, click [here](#).

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White Bear Lake Environmental Advisory Commission,

My name is Kathleen, and I'm a 16-year old from St. Paul. I'm a part of [YEA! MN](#), a statewide organization made up of youth who work for climate justice. We're currently working to introduce a bill to the state legislature (with State Senator Wiger) that would integrate climate justice education in all core subjects and throughout all grade levels. Your Senator, Senator Chamberlain is the chair of the senate education policy committee, and will be very influential in deciding whether our bill gets a hearing/passed. We are working to gather a coalition of people across the state who support the bill, but especially in Senator Chamberlain's district. Would you be interested in learning more about the bill and potentially partnering with us?

Thanks for your consideration!

Kathleen

1.1 A bill for an act
1.2 relating to education; directing school districts and charter schools to provide
1.3 climate justice instruction; proposing coding for new law in Minnesota Statutes,
1.4 chapter 120B.

1.5 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:

1.6 Section 1. **[120B.25] CLIMATE JUSTICE EDUCATION.**

1.7 Subdivision 1. **Climate justice instruction.** Climate justice means a framework that
1.8 puts people first and views the effects of climate change as interconnected with forms of
1.9 oppression connecting climate change to social and economic justice issues. School districts
1.10 and charter schools are required to provide climate justice instruction for students in grades
1.11 1 through 12 aligned with current scientific research and integrated into existing programs,
1.12 curriculum, or the general school environment of a district or charter school. The
1.13 commissioner, in consultation with the commissioner of the Pollution Control Agency,
1.14 environmental organizations, teachers, and students, must, by July 1, 2022, and July 1 of
1.15 each even-numbered year thereafter, provide districts and charter schools with resources
1.16 gathered by Minnesota environmental advocates. Priority in the group must be given to
1.17 traditionally underrepresented students and teachers. The resources must include:

1.18 (1) age-appropriate model learning activities for grades 1 through 12 that encompass
1.19 environmental research-based projects;

1.20 (2) a directory of resources for planning and implementing age-appropriate climate
1.21 change curriculum and instruction in grades 1 through 12 across core curriculum classes
1.22 that includes resources on climate change and its impacts, environmental justice and equity,
1.23 and environmental stewardship; and

2.1 (3) information and resources on jobs related to creating a sustainable, resilient, and just
2.2 transition toward a green economy.

2.3 Subd. 2. **Curriculum.** Climate justice instruction may include the following themes:

2.4 (1) climate change is occurring, and it is caused by human activities;

2.5 (2) all forms of life on the planet are at risk;

2.6 (3) the history and current causes of climate change which have disproportionate effects
2.7 on communities already facing systemic oppression, specifically Black, indigenous, or other
2.8 persons of color; disabled; and low-income communities globally;

2.9 (4) the history and current causes of climate change and its interconnected effects with
2.10 inequity, systemic oppression, and injustice;

2.11 (5) addressing climate change requires systemic change that promotes and makes
2.12 environmental stewardship accessible;

2.13 (6) encouraging students to understand their climate stories, how they connect to others
2.14 around the globe, and the collective power of sharing them; and

2.15 (7) there are solutions and a growing number of economic and employment opportunities
2.16 in discovering more solutions and implementing and maintaining projects replacing fossil
2.17 fuel use with renewable energy.

2.18 **EFFECTIVE DATE.** This section is effective the day following final enactment.

Current Do-Outs

Commission Members

- ~~— Review the draft East Goose Lake public survey and email comments to Connie by January 8, 2020.~~
- ~~- Review surface water management plan and bring comments/questions to the December meeting~~
- Consider inviting Jake from Specialized Technologies to speak at a future EAC meeting
- Save empty milk jugs for Expo tent weights
- Rick to review and revise the EAC website to include additional duties

Staff

- Send current storm sewer map to Adopt-a-Drain administrator.
- Incorporate commission member comments in the SWMP.
- Update the commission when the Zero Waste Policy is on the Council agenda
- ~~- Purchase native seed packets with the remaining 2020 EAC budget~~
- ~~- Tally top three 2021 work plan priorities from each commission member to discuss at the December meeting~~
- Staff to schedule tour of Newport facility at a date TBD
- Order 2 feather flags after the first of the year
- Forward Zero Waste policy to Council for their consideration
- Line item in the 2021 budget for pollinator planting
- 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)