

Priorities of the Environmental Commission (2019)

Solid Waste	6 votes
Get a fully functional MRF	6 votes (4 first place)
Hire solid waste manager	
Educate residents and get RAA's recycling guide on city website	
Reconsider value of single-stream recycling	
Zero waste	
Compost collection	4 votes (all 2 nd place)
Construction waste recycling	
Pay as You Throw	2 votes (all 3 rd place)
Improve diversion rate	1 vote (1 st place)
Natural Features	7 votes
Comprehensive natural features ordinance	1 vote (1 st place)
Conducting inventory of natural features inc heritage trees and tree canopy	6 votes (2 1 st place, 2 2 nd place, 2 3 rd place)
Hire coordinator and conduct neighborhood engagement	2 votes (both 3 rd place)
Nature as a transportation corridor/park parcels	
Revisit Greenbelt program to inc local food production as a focus	1 vote (2 nd place)
Celebrate chimney swifts and protect their habitat	
Water Issues	5 votes
PFAS	2 votes (1 2 nd place, 1 3 rd place)
Revisit stormwater regulations	
Future of Superior and Barton dams	
Communications (whether to buy home filters; digital signs at canoe livery of today's water quality)	
Measurable improvement in quality of Allen Creek watershed (using HRWC's metric)	3 votes (2 1 st place, one 3 rd place)
Climate Action and Clean Air	1 vote
Weatherization of residences/energy efficiency to reduce GHGs	1 vote (2 nd place)
Emergency preparedness hubs	
Transportation options, walkability, "snow buddy" snow removal to encourage year-round walking and biking	3 votes (1 1 st place, 1 2 nd place, 1 3 rd place)
Encourage mixed use developments so that people don't have to drive to the store	
Work to have less idling in cars	
Explore green roof stormwater credit	
Misc	
Pass new lighting ordinance to reduce light pollution in City	1 vote (2 nd place)

Committees of the Environmental Commission for 2019

Solid Waste

Steve Brown, Chair

John Mirsky

John Callewaert

Susan Hutton

Chip Smith

Alison Skinner

Karie Slavik

Bob Needham

Natural Features

Chris Graham, Chair

Anne Bannister

John Mirsky

Mike Appel

Water

Susan Hutton, Chair

Steve Brown

Shannan Gibb-Randall

Karie Slavik

Bob Needham

Summary of Environmental Commission Actions in 2020

February 27, 2020

January 24:

- Resolution 19-0154 to support City joining WRMMA
- Resolution 19-0158 in support of a strong Federal Clean Water Act and Rule

February 28: none

March 28: none

April 25:

- Resolution 19-0827 to support City's Budget Process
- Second Resolution (19-0859) in support of City joining WRMMA

May 23: Cancelled

June 27:

- Resolution 19-1288 to include 2 new seats for Youth Commissioners
- Resolution 19-1289 to urge WCRC to reduce herbicide use and adopt best IPM

July 25: Cancelled

August 22: none

September 26: none

October 24:

- Councilmember Smith brought Climate Emergency resolution 18-2081 to Council with an accelerated goal of 2035 vs. 2040 for Carbon Neutrality citywide

December 5:

- Resolution 19-2318 accepting SWRMP report
- Resolution 19-2335 supporting City Staff Policy Agenda items for 2020



City of Ann Arbor

Meeting Minutes

Environmental Commission

301 E. Huron St.
Ann Arbor, MI 48104
[http://a2gov.legistar.com/
Calendar.aspx](http://a2gov.legistar.com/Calendar.aspx)

Thursday, January 24, 2019

7:00 PM

Larcom City Hall, 301 E Huron St, Second
floor, City Council Chambers

CALL TO ORDER

Chair Needham called the meeting to order.

ROLL CALL

Present: 10 - Christopher L. Graham, Susan Hutton, Robert Needham, Karie Slavik, Shannan Gibb-Randall, Anne Bannister, John Callewaert, Stephen C Brown, John Mirsky, and Mike Appel

Absent: 2 - Allison Skinner, and Chip Smith

APPROVAL OF AGENDA

A motion was made by Hutton, seconded by Graham, that the agenda be approved. On a voice vote, the Chair declared the motion carried.

[REDACTED] Environmental Commission Meeting Minutes of 12-6-18

Attachments: Minutes from the Environmental Commission meeting on 12-6-18.pdf

Postponed until February meeting.

PUBLIC COMMENTARY

There was no public commentary.

UNFINISHED BUSINESS

NEW BUSINESS

[REDACTED] Priority Discussion

Attachments: City of Ann Arbor FY 20-21 Budget Presentation Updated.pdf

City Administrator Howard Lazarus gave a presentation to outline the process and priorities of the upcoming FY 2020-21 City budget process as well as to get input from the Commission. City Administrator reported that the total City budget revenues are slightly under \$400 million annually. He gave a snapshot of some of the current priorities of the Office of Sustainability and Innovations and for other environmental concerns like water quality and recycling. In response to a question about the status of the county millage rebate, City Administrator Lazarus reported about how those funds have been used in the past and that the City is working with the University of Michigan to develop a survey asking the public about how they want the millage money to be used in the future. Other issues brought up by the Commissioners include: road repairs and pedestrian safety; comparisons with other Town Gown cities; safety services; linking budgetary priorities to outcomes; enterprise funds; gas taxes and electric vehicles; and zoning and property taxes.

Commission shared the following priorities, including: getting a functional Materials Recovery Facility; expanding organics recovery in the downtown and year-round; a community outreach program that works with neighborhoods including natural features; pairing equity and energy; a low-income electric vehicle carsharing program like in LA; solar; electrifying units; leadership in resource management; 1,4 dioxane issues; stormwater issues; Treeline Greenway; Sustainability Plan; and renewable energy sources. [The video for this item runs between 00:01:30 and 00:49:17.]

[REDACTED] PFOAS Presentation, Brian Steglitz, City of Ann Arbor

Attachments: Environmental Commission Presentation 1-24-19 final.pdf

Water Treatment Plant Manager Brian Steglitz gave a presentation about PFAS chemicals and the 1,4 dioxane Gelman Plume. PFOA and PFOS exposure is primarily through ingestion and is bio-accumulated. EPA Health Advisory Level of 70 parts per trillion. Proposed legislation in Michigan of 10 parts per trillion. The water treatment plant is monitoring the City's drinking water twice a month for these chemicals, is migrating its carbon filters to an upgraded version, and is participating in national research opportunities. Commissioners asked questions about what emerging technologies Japan and the European Union are using for these chemicals and how the City is engaging with the public on PFAS and PFOA. In addition, the City was encouraged to support measures to address the root cause of residents' health concerns: the continued use

of these categories of chemicals. In regards to the 1,4 dioxane Gelman Plume, the City has committed to quarterly updates and is currently in litigation. Mr. Steglitz reported that there is no consensus for understanding how the Plume is moving over time. Commissioners asked about potential stormwater infiltration issues regarding the Plume, removal rate at the Plume, as well as exposure pathways. [The video for this item runs between 00:49:30 and 1:24:50.]

[REDACTED] Waste Regionalization, Theo Eggermont, Washtenaw County

Attachments: Articles of Incorporation.pdf, Contracting process.pdf, FAQ-Regionalization.1.18.19.pdf

Theo Eggermont from Washtenaw County gave a presentation about the formation of a proposed Regional Solid Waste Authority consisting of eight member communities. There is a focus on improving the quantity and quality of the recycling stream and then attract local processing. Education of the public will be a key focus of the Authority. Some of its benefits could include: optimized routes for collections, greater buying power, and economies of scale. Bob Davis, outside attorney for Washtenaw County, spoke about his work with Oakland County's regional waste authority and got into more details about the Washtenaw County Regional Solid Waste Authority, including that the Authority will likely be running three to four years from now and that the goal is that a handful of communities that have a market reputation for high quality, high valuable, highly sought recyclables so one or two private entities could manage those at good rates. Commissioners brought up concerns, including that "yard waste" is included but not the broader term "organic materials", that the Authority is not allowed to own real property for disposal, about the collaborative contracting process, and that rough timelines would be useful. Another question was why each municipality is slated to have one vote despite different populations and tonnages between municipalities. Mr. Davis spoke about how an amendment process could be used to work on these inequities. Mr. Davis suggested that the first Board meeting could be as soon as April or May. [The video for this item runs between 1:24:50 and 2:07:20.]

[REDACTED] Motion to Recommend That City Council Approve the City Become a Constituent Member of the Washtenaw Regional Resource Management Authority (WRRMA)

A motion was made by Graham, seconded by Mirsky, that the Resolution be Approved by the Commission. On a voice vote, the Chair declared the motion carried.

[REDACTED] for a Strong Clean Water Act and Strong Clean Water Rule

A motion was made by Councilmember Bannister, seconded by Graham, that the Resolution be Approved by the Commission. On a voice vote, the Chair declared the motion carried.

[REDACTED] responses to Environmental Commission's Questions Regarding Solid Waste

Attachments: EC Questions-SolidWaste_2018-12-21_Response Document_2019-01-22.pdf

Planning Commission: They have worked on the Capital Improvements Plan and are considering weighting and sustainability that will get worked out in the next year.

Energy Commission: They had a presentation from a UM student on recycling or reuse of urine. Commissioner Mirsky gave a presentation on what our German sister city is doing around climate. They are considering a solar access ordinance draft to help preserve solar access once installed. Every Tuesday evening is reserved for Commission and sub-committee meetings, including lighting ordinance; home energy score at time of marketing ordinance; community engagement group; 100% clean and renewable municipal operations; and EV readiness ordinance. This approach should be considered by the Environmental Commission as a good practice to accelerate its work.

Parks: Pickleball courts have new stripes and there was a great season at the canoe liveries.

Council: The Council Policy Agenda Committee will be recommending that Council push the state of Michigan to have more strict environmental rules than the federal and state.

Chair Needham: Commissioner Josh Rego has moved out of state and resigned from the Commission.

REPORT FROM STAFF

Dr. Missy Stults, manager of the Office of Sustainability and Innovations, gave a staff update. There have been two awards for grants – to A2 STEAM for a solar project and to Leslie Science and Nature Center for a nature-based playscape. The office will be submitting a grant proposal for aging in place efficiently. Ann Arbor was accepted for a peer exchange around resilience hubs. A volunteer solar program will be introduced soon. Environmentally Preferred Policy is being updated.

ITEMS FOR NEXT AGENDA**NEXT SCHEDULED MEETING**

February 28, 2019 7pm

PUBLIC COMMENTARY

There was no public commentary.

ADJOURNMENT

Chair Needham adjourned the meeting at 9:21pm.

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Thursday, February 28, 2019

7:00 PM

Larcom City Hall, 301 E Huron St, Second
floor, City Council Chambers

CALL TO ORDER

Chair Needham called the meeting to order at 7:00pm.

ROLL CALL

Present: 11 - Christopher L. Graham, Susan Hutton, Allison Skinner, Robert Needham, Chip Smith, Karie Slavik, Shannan Gibb-Randall, Anne Bannister, John Callewaert, Mike Appel, and John Mirsky

Absent: 1 - Stephen C Brown

APPROVAL OF AGENDA

A motion was made by Hutton, seconded by Councilmember Smith, that the agenda be Approved. On a voice vote, the Chair declared the motion carried.

APPROVAL OF MINUTES

[REDACTED] Environmental Commission Meeting Minutes of 8-23-18

Attachments: Env Commission revised minutes 8-23-18.pdf

A motion was made by Councilmember Smith, seconded by Mirsky, that the Minutes be Approved by the Commission and forwarded to the City Council. On a voice vote, the Chair declared the motion carried.

[REDACTED] Environmental Commission Meeting Minutes of 12-6-18

Attachments: meeting minutes - Environmental Commission 12-6-18 revised.pdf

A motion was made by Mirsky, seconded by Vice Chair Skinner, that the Minutes be Approved by the Commission and forwarded to the

City Council. On a voice vote, the Chair declared the motion carried.

[REDACTED] Environmental Commission Meeting Minutes of 1-24-19

Attachments: meeting minutes for 1-24-19 Environmental Commission.pdf

A motion was made by Slavik, seconded by Hutton, that the Minutes be Approved by the Commission and forwarded to the City Council. On a voice vote, the Chair declared the motion carried.

PUBLIC COMMENTARY

There was no public comment.

UNFINISHED BUSINESS

There was no unfinished business.

NEW BUSINESS

[REDACTED] Priorities and Subcommittees of the Environmental Commission

Attachments: 2019 Priorities and Subcommittees of the Environmental Commission.pdf

Commissioners developed, discussed, and voted on project ideas in following categories: solid waste; natural features; water issues; climate action and clean air; and miscellaneous. Through a consensus process, Commission decided to develop Solid Waste, Natural Features, and Water Subcommittees which will meet at least once before the next Commission meeting to propose their workplans including timelines and metrics. Chair Needham will work with staff to develop a Commission workplan for review and adoption at the next meeting, which will be forwarded onto Council as per the Commission bylaws. [See attached document for the list of project ideas and voting results. The video for this section runs between 2:40 and 1:16:30.]

[REDACTED] Ordinance to Amend Title VI (Food and Health) of the Code of the City of Ann Arbor by Adding a new Chapter 73 [Two Stroke Engines]

Attachments: Ordinance Amendment Draft #2 for CM Review.pdf 2.pdf

Commission discussed the merits and drawbacks to this resolution including that it only applies to the downtown area; that it does not include

all city facilities; cost implications; potential pushback from contractors; and that 2 stroke engines are not widely used by professionals so air quality improvements may be minimal. Before postponing the item, Commissioners recommended reaching out to Parks staff for feedback; revising the ordinance to have more specific goals; and using the resolution as a chance to provide education.

Tabled

REPORTS FROM COMMITTEES, OTHER COMMISSIONS, COUNCIL, AND CHAIR

Energy Commission: Volunteer solar installations on city property moving ahead; possibility of using methane at Wheeler; revisiting hydro power on dams; exploring energy storage; developing an EV Readiness Ordinance; AAATA making bus replacements; working on home energy score/ Time of Marketing Ordinance; and info about a draft resolution related to regulated utilities being prohibited from making donations to 501c4s.

Parks Commission: Hiring season is starting for 300 positions; \$450,000 tree service contract including invasive species guidelines; and limited skating days due to weather.

Planning Commission: Working session coming up to think about transportation-oriented zoning/overlay districts but still in early stages.

City Council: Recent interview about nuclear preparedness issue. From Parks, center of city for public rental. \$400,000 for tree planting. Resolution to become member of regional solid waste authority. Mayor wants funding for Lower Town Mobility Study in city budget. Resolution regarding Washtenaw mental health and public safety and current efforts to undo 40-40-20 allocation. Global climate strike on March 15th.

REPORT FROM STAFF

Staff Drennen gave a staff update including: Green fleets update that new EVs are here but not yet in service. The committee is charged with eliminating low-use vehicles and has been talking with police and fire about vehicle usage. She also commented that the committee will hopefully be thinking about idling issues. Staff from the Office of Sustainability and Innovations attended the first Michigan climate action conference in Grand Rapids and learned about efforts in other cities and at the state level. Staff is also working on an application for peer learning exchange with Blue LA. Staff is also working on the EV readiness

ordinance; helped pick the City's new Equity Consultant; and will begin leading the 2nd cohort of racial equity training in May. Dr Stults attended the first meeting of the UM President's Commission on Carbon Neutrality. Sustainability Forums have had great attendance. Next one will feature SEAS Dean Dr. Overpeck and Emily Drennen on the topic of "Climate 201" on Thursday, March 21st at 7pm and the downtown library. There has been a great deal of interest from potential summer interns. Staff has also been working with two UM student groups on their effort to green rental housing. A cohort of cities will be coming to Ann Arbor to learn about the City's rental licensing program on March 12th. Dr Stults and Assistant City Manager Fournier are in DC at a renewable energy boot camp.

ITEMS FOR NEXT AGENDA

Jen Lawson about status of Allen Creek.

NEXT SCHEDULED MEETING

The next scheduled meeting is March 28, 2019 at 7pm.

PUBLIC COMMENTARY

Ken Garber supports the 40/40/20 split of the County millage rebate.

ADJOURNMENT

Chair Needham adjourned the meeting at 9:04pm

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Thursday, March 28, 2019

7:00 PM

Larcom City Hall, 301 E Huron St, Second
floor, City Council Chambers

CALL TO ORDER

Chair Needham called the meeting to order at 7:04 pm.

ROLL CALL

Present: 10 - Christopher L. Graham, Susan Hutton, Allison Skinner, Robert Needham, Chip Smith, Karie Slavik, Shannan Gibb-Randall, Anne Bannister, Stephen C Brown, and John Mirsky

Absent: 2 - Mike Appel, and John Callewaert

APPROVAL OF AGENDA

A motion was made by Hutton, seconded by Councilmember Smith, that the agenda be Approved. On a voice vote, the Chair declared the motion carried.

APPROVAL OF MINUTES

[REDACTED] minutes for the Environmental Commission 2-28-19

Attachments: DRAFT meeting minutes for Environmental Commission Meeting 2-28-19.pdf

A motion was made by Vice Chair Skinner, seconded by Mirsky, that the Minutes be Approved by the Commission and forwarded to the City Council. On a voice vote, the Chair declared the motion carried.

PUBLIC COMMENTARY

There was no public commentary.

UNFINISHED BUSINESS

There was no unfinished business.

NEW BUSINESS**[REDACTED] Water Presentation**

Attachments: Stormwater Presentation EnvCommissionMarch2019 rev2.pdf

Jennifer Lawson, Water Quality Manager for the City of Ann Arbor, gave a comprehensive overview of the stormwater system and creeksheds in Ann Arbor. Commissioners asked questions about financing of the stormwater utility, budget issues, preventative tree maintenance, current legal issues about stormwater systems in the state, and a recent tree inventory. [The video for this item runs from 1:37 to 1:07:14.]

[REDACTED] Work Plan for the Ann Arbor Environmental Commission for 2019

Attachments: DRAFT_ Environmental Commission Work Plan 2019.pdf

Chair Needham invited the Chairpersons of the Commission's three new work groups to share their goals for the remainder of 2019. Commissioners discussed these goals and adopted a work plan for submission to City Council, as required by the Commission's bylaws.

A motion was made by Hutton, seconded by Vice Chair Skinner, that the Commission workplan for 2019 be Approved. On a voice vote, the Chair declared the motion carried.

REPORTS FROM COMMITTEES, OTHER COMMISSIONS, COUNCIL, AND CHAIR

Energy Commission: The Commission is working on a resolution in support of transparency with regards to political and campaign contributions from electric investor-owned utilities. The Commission continues to be involved in lighting, EV readiness, home energy score, and solar access ordinances, as well as holding Power Hours.

Planning Commission: A new lighting ordinance is now in draft form. Considering changes to the office district to include retail. Changes to unified development code through a sustainability lens.

City Council: SEAS Dean Jonathan Overpeck has been nominated for a seat on the Environmental Commission. Council Caucus nights are held on the Sunday nights before Council meetings. Issues with the cost for installing missing sidewalks and missing stormwater infrastructure being charged to residents. Preparing for budget decisions. Presentations at

Commission meetings should be tied to actions that Commission can take action on.

REPORT FROM STAFF

Most recent Sustainability Forum (Climate Change 2.0) set a record for high attendance with 106 attendees. The next forum will be held on April 18th, covering race and class equity. Staff have submitted an application to participate in a low-income EV car sharing peer exchange program, are working with student groups on green rental housing policy, and are planning for upcoming summer public outreach events. The first annual green fleets report is upcoming. The City's new Chevy Bolts are to be put into service in early April. One of the new vehicles will serve as a pool car. Plans for electrification of the City's golf carts are also underway. IT is working on a smart city program.

ITEMS FOR NEXT AGENDA

To be determined by working groups.

NEXT SCHEDULED MEETING

Next meeting to be held April 25th at 7pm.

PUBLIC COMMENTARY

David Duprise thanked the Commission for tackling solid waste issues in the downtown, and appreciated staff Lawson's presentation.

ADJOURNMENT

Chair Needham adjourned the meeting at 9:03pm.

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Thursday, April 25, 2019

7:00 PM

Larcom City Hall, 301 E Huron St, Second
floor, City Council Chambers

CALL TO ORDER

Meeting called to order by acting chair, Commissioner Allison Skinner at 7 pm.

Present: 12 - Christopher L. Graham, Susan Hutton, Allison Skinner, Robert Needham, Chip Smith, Karie Slavik, Mike Appel, Shannan Gibb-Randall, Anne Bannister, John Callewaert, Stephen C Brown, and Jonathan Overpeck

ROLL CALL

Present: 8 - Susan Hutton, Allison Skinner, Chip Smith, Karie Slavik, Shannan Gibb-Randall, Anne Bannister, John Callewaert, and Stephen C Brown

Absent: 5 - Christopher L. Graham, Robert Needham, Mike Appel, Jonathan Overpeck, and John Mirsky

APPROVAL OF AGENDA

Commissioner Skinner moved for approval of agenda. As no changes were called for, the commission members approved the agenda unanimously.

APPROVAL OF MINUTES

[REDACTED] Environmental Commission Minutes for 3-28-19

Attachments: Env Commission minutes from March 2019.pdf

Commissioner Skinner submitted the previous meeting minutes for approval. Commissioner Brown recommended a correction to minutes. With the correction noted, the Commissioners approved the minutes unanimously.

PUBLIC COMMENTARY

Commissioner Skinner opened the floor for public comment. There was no public comment.

UNFINISHED BUSINESS

There was no unfinished business.

NEW BUSINESS**Funding Presentation**

[REDACTED]ation on the Fiscal Year 2020 Budget Request

Attachments: Funding Presentation_Environmental Commission
4-25-19.pdf

The Commission heard a presentation by City Administrator Howard Lazarus on the funding budget for the next fiscal year. The presentation came with a resolution for next year, which would go to City Council.

City Administrator Lazarus offered an overview of the city budget, including total budget expenditures, along with fund balances remaining. He also focused on funding priorities for FY 19-20, noting increased funding for sustainability, community mental health, and affordable housing. He also reviewed other changes to the budget, such as allocations for the Climate Action Plan. He explained the Performance Measures for the Climate Action Plan and Safe Drinking Water/Water Sewer Infrastructure.

He reviewed the Climate Action Plan funding in detail, which would support work undertaken by different agencies. The funds would go to programs such as:

Net zero affordable housing; Sustaining Ann Arbor Together Micro Grant (SA2T); 100% Clean and Renewable; Revolving Energy Fund; and a host of other programs. He also discussed Green Rental Housing; Resilience Hubs; Time of Marketing; Green Business Challenge; Aging in Place Efficiently; Weatherization Expansion; Energy Efficiency; and Solar in the Community.

City Administrator Lazarus took questions from the Commissioners on a range of topics, including plans for the Argo Dam and specifics about the breakdown of the budget.

[REDACTED] motion to Support the Proposed FY 2020 City of Ann Arbor Municipal Budget Process

Attachments: DRAFT Resolution to support budget process_Environmental Commission.pdf

A motion was made by Councilmember Smith, seconded by Brown, that the Resolution be Approved by the Commission. On a voice vote, the Vice Chair Skinner declared the motion carried.

SWRMP Presentation

Staff Cresson Slotten presented on the Solid Waste Resource Management Plan (SWRMP). He also addressed a question from Commissioner Mirsky regarding Recycle Ann Arbor.

Staff Slotten continued his presentation on the progress to date on SWRMP, with contributions from Christina Siebert. Christina explained how they had identified 14 options for waste management based on stakeholder input from interviews, focus groups, and advisory committees for residential, commercial, and downtown. They reviewed feedback of the proposed options.

Commissioner Callewaert asked for clarification about the ratings system used in their presentation, and received acknowledgement that the system needs improvement. Other commissioners addressed recycling options for textiles through Simple Recycling.

Siebert resumed the presentation on SWRMP. She summarized the Commercial Sector Options (focused on restaurant grease) and feedback from advisory committee feedback on different options and costs. She also went over Downtown/Alley collection options, with questions from the commissioners about specific elements of current solid waste management practices.

Staff Slotten continued with a presentation of financial model & fund projections, with a focus on the key analytic models and tools for generating financial impacts. The commissioners raised questions about fluctuations in the budget and asked about measures that would ensure that budget needs would become more predictable in the future.

Siebert explained the methodology for assessing cost of service (by the different sectors), including financial adjustments. She broke down the

cost of service analysis expenses displayed on a pie chart, with separate explanations of residential services. The disparity in rates (recycling, waste, and compost) were explained in terms of frequency and labor costs.

The commissioners raised questions about disparities between types of service and sectors. Siebert responded by explaining the disparities in terms of labor (city staff versus contracted costs). She also accounted for the differences more fully in terms of actual processing, transportation, and labor costs, and addressed questions about possible revenues that might come from recycling materials from other cities

Staff Slotten and consultant Siebert offered a comparison of FY 18 revenues and expenses and explained fund balances. Siebert went through Resident Survey Results. The survey was conducted in the last week of March, and involved 400 members of the community in a phone survey of 15-minute questions with 30 content questions. The survey had a 95% confidence level and dealt with a broad range of topics like satisfaction with current service, recycling and compost practices, and bulky items.

The survey found general satisfaction with garbage and recycling – with greater dissatisfaction with compost. However, the survey found that residents needed more information about current services, especially less frequently collected materials like bulky items. Residents also had questions about specific programs. The survey also explored what programs respondents would be willing to pay for and their attitudes about different fee structures. The survey showed strong support for sustainability-minded businesses

Staff Slotten closed presentation with next steps for SWRMP: completing financial model and fund balance projections; drafting recommendations; putting together final report; and presenting the report to the Environmental Commission.

[REDACTED] 9-04-25 SWRMP EC Status Update

Attachments: 01-2019-04-25 SWRMP EC Status Update rev2.pdf

[REDACTED] RMP Preliminary Options - draft for discussion, EC

Attachments: 02-SWRMP Preliminary Options - draft for discussion, EC.pdf

[REDACTED] Arbor Tonnage Summary - 2013-2018

Attachments: 03-Ann Arbor Tonnage Summary - 2013-2018.pdf

[REDACTED] of Ann Arbor Cost of Service Technical Memorandum - draft
01-10-19

Attachments: 04-City of Ann Arbor Cost of Service Technical
Memorandum - draft 01-10-19.pdf

[REDACTED]ident Survey Topline Results

Attachments: 05-Resident Survey Topline Results.pdf

[REDACTED]ident Survey Report - DRAFT 041719

Attachments: 06-Resident Survey Report - DRAFT 041719.pdf

[REDACTED]A-Rumpke Material Audits Summary_2019-04

Attachments: 07-RAA-Rumpke Material Audits Summary_2019-04.pdf

Resolution to approve Ann Arbor's membership in WRRMA

Commissioner Skinner introduced resolution for the City of Ann Arbor to join WRRMA (Washtenaw Regional Resource Management Authority). Brown explained the resolution and what would be entailed by membership. The commissioners discussed the resolution and requested more context. Siebert offered the financial benefits of joining the WRRMA. Commissioner Smith relayed some input from City Council and concerns that were brought up by members of Council in March. Commissioners Smith and Brown explained how resolution addressed those concerns.

Commissioners passed resolution unanimously

[REDACTED] Environmental Commission Resolution to Recommend City Council
Approve the City's Constituent Membership in the Washtenaw Regional
Resource Management Authority (WRRMA) before June 1, 2019

Commissioners passed this item unanimously.

Approved by the Commission

REPORTS FROM COMMITTEES, OTHER COMMISSIONS, COUNCIL, AND CHAIR

Commissioner Skinner asked for updates from the various sub-committees.

The Planning Commission representative, Commissioner Gibb-Randall, proposed that the Natural Features Subcommittee prioritize the protection of heritage trees and gave an update regarding the development of DTE brownfields.

Councilmember Bannister reported that there were celebrations of two Earth Days with mayoral proclamations, all of which were well received. She gave an update on the progress of the Potassium Iodine policy work. She also requested further budget amendment ideas from members of Commission, which must be submitted by May 15.

Councilmember Smith spoke about the upcoming Leslie Science Center Earth Day event.

The Water Working Group is working to develop goals for the year and is investigating what data the City has, with the possibility of eventually revising the Green Streets policy.

The Solid Waste Working Group reported that they had contacted City staff to work on metrics.

19-1286 April 2019 Report from the Energy Commission

REPORT FROM STAFF

The Commission invited City Staff MacDonald to provide updates. He offered updates on the solar installation program; provided information about a Solar Power Hour scheduled for April 29 at Cobblestone Farm at 6 pm; and explained the state of the Greenhouse Gas (GHG) Inventory. Staff MacDonald also noted that Sustainability staff are working on the GHG Inventory numbers, including waste and transportation.

ITEMS FOR NEXT AGENDA

None

NEXT SCHEDULED MEETING

May 23, 2019

PUBLIC COMMENTARY

Commissioner Skinner invited public commentary. One member of the public raised a question about solar power and the ways that roads were being fixed. She mentioned that there was self-healing concrete. She also asked to know more about the drainage in the dam. She made suggestions about current City projects, suggesting that the 7 miles of drainage systems being put in during road repair could also be used for water power. She also recommended that the new 22 million-dollar parking station become a source for renewable energy. She also proposed that the City explore European methods for aluminum recycling.

Another member of the public, Ken Garber, made remarks regarding the solid waste survey results. He stated that the survey showed a gap in city residents' knowledge about composting and recycling. He mentioned that the City previously had a publication called Waste Watcher, which used to be mailed to city residences. He thought that the mailings would close the gap in knowledge.

ADJOURNMENT

Commissioner Skinner adjourned the meeting at 9:27 pm.

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City of Ann Arbor

Meeting Minutes

Environmental Commission

301 E. Huron St.
Ann Arbor, MI 48104
[http://a2gov.legistar.com/
Calendar.aspx](http://a2gov.legistar.com/Calendar.aspx)

Thursday, June 27, 2019

7:00 PM

Larcom City Hall, 301 E Huron St, Second
floor, City Council Chambers

CALL TO ORDER

Chair Needham called the meeting to order at 7pm.

ROLL CALL

Present: 10 - Christopher L. Graham, Susan Hutton, Allison Skinner, Robert Needham, Chip Smith, Shannan Gibb-Randall, Anne Bannister, John Callewaert, Stephen C Brown, and John Mirsky

Absent: 3 - Karie Slavik, Mike Appel, and Jonathan Overpeck

APPROVAL OF AGENDA

A motion was made by Callewaert, seconded by C Brown, that the agenda be Approved. On a voice vote, the Chair declared the motion carried.

APPROVAL OF MINUTES

[REDACTED] from the April 25, 2019 Environmental Commission meeting

Attachments: Env Commission meeting minutes from April 25 2019.pdf

A motion was made by Callewaert, seconded by C Brown, that the Minutes be Approved by the Commission with changes and forwarded to the City Council. On a voice vote, the Chair declared the motion carried.

PUBLIC COMMENTARY

Transportation Commissioner Kathy Griswold requested that Commission give input on the short-term and long-term environmental impacts from transportation projects.

Rita Mitchell gave support to the herbicide resolution and said that some plants need the use of herbicide controls.

COMMISSION ELECTIONS FOR A CHAIR AND VICE-CHAIR

Commissioner Graham nominated Commissioner Needham for Chair. Commissioner Needham declined. Commissioner Needham nominated Commissioner Brown for Chair. Commissioner Graham seconded that nomination. On a voice vote, Chair Needham declared that Commissioner Brown was elected Chair.

Councilmember Smith nominated Commissioner Callewaert to be Vice-Chair. Commissioner Callewaert declined. Commissioner Mirsky nominated Commissioner Hutton. On a voice vote, Chair Brown declared that Commissioner Hutton was elected to be Vice Chair.

SELECTION OF A COMMISSIONER TO REPRESENT AT THE TRANSPORTATION MASTER PLAN CAC

A motion was made by Mirsky, seconded by Callewaert, that Commissioner Graham be appointed. On a voice vote, the Chair declared the motion carried.

UNFINISHED BUSINESS

NEW BUSINESS

- 19-1288 Expansion of the Number of Environmental Commission Seats to Include Two New Seats for Youth Members**

Staff Emily Drennen gave an introduction to the resolution urging City Council to approve two additional seats on the Commission to be filled by youth. This item was recommended by staff in the Office of Sustainability and Innovations. The Commissioners discussed the merits of the proposal and made some edits to the resolution including: changing the term length from 3 years to 1 year (proposed by Smith and seconded by Callewaert); changing the age range from 14-21 to 14-25 (proposed by Gibb-Randall and seconded by Mirsky). There was also a brief discussion about voting privileges for youth commissioners. There was a consensus about giving the youth members voting privileges equal to other members. Commissioners also discussed the possibility of opening the opportunity to youth who live outside of Ann Arbor and decided that

requiring an additional standard for youth that live outside of Ann Arbor (requiring 7 Council votes instead of 6) is acceptable (proposed by Hutton and seconded by Mirsky).

A motion was made by Callewaert, seconded by Hutton, that the Resolution be Approved as amended by the Commission and Forwarded to the City Council. On a voice vote, the Chair declared the motion carried.

[REDACTED] the Washtenaw County Road Commission to reduce herbicide use through Adoption of a Comprehensive Roadside Vegetation Control Plan Based on Best Environmental Management Practices

The Commission discussed the proposed resolution. It was shared that the term "Integrated Pest Management" refers to insects as opposed to nuisance plants/weeds, so would not be the right term to use in referring to herbicides. Commissioners expressed concern that the resolution needed more specificity and nuance. It was shared that there is a big difference between broad spraying and targeted use of chemicals.

Commissioner Graham offered an amendment to change "IPM" to "best environmentally-friendly management practices". Councilmember Smith offered an amendment of striking the first three whereas clauses and replacing the last resolved sentence to "Therefore be it resolved, that the Environmental Commission recommends that City Council urge the Washtenaw County Road Commission to develop a comprehensive roadside vegetative management plan based on best environmental management practices." (Mirsky seconded the amendment that passed unanimously.) There was a broad desire to have Commissioner Mike Appel look over the amended draft resolution.

A motion was made by Councilmember Smith, seconded by Planning Commission Rep Gibb-Randall, that the Resolution be Approved as Amended. On a voice vote, the Chair declared the motion carried.

REPORTS FROM COMMITTEES, OTHER COMMISSIONS, COUNCIL, AND CHAIR

Committees:

Natural Features Working Group: No update.

Water Working Group: No update.

Solid Waste Working Group: They met with Jenny Petosky to discuss metrics. The Working Group plans to have proposed metrics by the end

of the year based on SMART goals. They plan to use data from the STAR Communities process, if it is suitable. Commissioner Mirsky requested a new written solid waste quarterly update, fulfilling a long-standing commitment by the City Administrator to the commission, focusing on FY19 revenues, expenses, one-time impacts and the resultant status of the reserve fund. In the past 6-9 months, the Commission has only received reports on the status of the SWRMP Update and related Advisory Committee meetings; no financial updates / forecasts have been provided. He also requested an analysis which shows how changes to recycling commodity market prices have impacted A2 solid waste revenues, e.g. on a quarterly basis for FY19. Commissioner Mirsky would also like the Commission to receive a copy of RAA's MRF reactivation proposal submitted to the City in April and the City's evaluation of it - not just the status / timing of a potential contract but also comments on the content of the proposal (pros, concerns, etc.). He reminded Commissioners that the City has spent at least \$20,000 more per month - if not double or more than that - since mid-2016 because it does not have a local MRF. Moreover, processing recycled material in Ohio is generating more GHG emissions and is resulting in a loss of local jobs.

Commissions:

Planning: They are having problems with the oak trees for the Platt Rd project. It would be very helpful if the City had a Heritage Tree Ordinance. The Natural Features Working Group offered to work on that ordinance.

Energy: Commission congratulated Wayne Appleyard for his 26 years of service to the Commission and the City. A high school student presented about lighting issues. They elected a Chair and Vice Chair. The lighting ordinance is getting ready to be finalized. The EV Readiness Ordinance is ready to be reviewed at the Subcommittee's next meeting. The Home Energy Disclosure at Time of Market Ordinance is being based on Portland's policy. The Solar Access work may not go forward.

REPORT FROM STAFF

Staff Drennen reported that staff and Energy Commissioners are working on "modules" for the Power Hour outreach events and will be looking for new modules on how residents can save water, deal with solid waste responsibly, and care for natural features around their homes. Staff has asked that each Environmental Commission working group develop a few slides related to their focus area educating residents how they can help

contribute to a sustainable residence for incorporation into the main Power Hour slide deck. There is a municipal energy efficiency RFP out now, with a solar RFP in the works. Staff will be at Summerfest on the weekend. The Office of Sustainability and Innovations always welcomes volunteers for public events. There was a recommendation that staff should explore mechanisms to better publicize volunteer opportunities. The Office will be hosting 30 Sustainability Directors from across the county in early July. The Sustaining Ann Arbor Together mini-grant program will be open for applications on July 1st. Staff Drennen participated in an EV event at SPARK. The Office is interested in helping neighborhoods throw block parties to build community and resilience in the city. Staff will be ready to give Commission a presentation about Ann Arbor's 2016-18 Greenhouse Gas Inventories at the next Commission meeting.

ITEMS FOR NEXT AGENDA

Sustainability staff will give a Greenhouse Gas Inventory presentation. Staff will try and find a speaker to address herbicide issues and the City's plan and staffing for environmental emergencies. Staff will also see if the APTIM solid waste report will be ready for the July Commission meeting.

NEXT SCHEDULED MEETING

The next scheduled meeting is July 25th at 7pm in the Council Chambers.

PUBLIC COMMENTARY

Alanna Djurdy is a mother with a toddler child and is concerned about herbicides applied by lawn care companies.

ADJOURNMENT

Chair Brown adjourned the meeting at 8:47 pm.

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Thursday, August 22, 2019

7:00 PM

Larcom City Hall, 301 E Huron St, Second
floor, City Council Chambers

CALL TO ORDER

Chair Brown called the meeting to order at 7:02 pm.

ROLL CALL

Present: 10 - Christopher L. Graham, Robert Needham, Chip Smith, Karie Slavik, Mike Appel, Shannan Gibb-Randall, Anne Bannister, John Callewaert, Stephen C Brown, and John Mirsky

Absent: 3 - Susan Hutton, Allison Skinner, and Jonathan Overpeck

APPROVAL OF AGENDA

A motion was made by Commissioner Needham, seconded by Energy Commission Rep. Mirsky, that the agenda be approved. On a voice vote, the Chair declared the motion carried.

APPROVAL OF MINUTES

[REDACTED] and Minutes from the Environmental Commission Meeting of 6-27-19

Attachments: Env Commission minutes 6-27-19.pdf

These Minutes were approved by the Commission and forwarded to the City Council.

PUBLIC COMMENTARY

Talbin Hack, long-time board member of Recycle Ann Arbor, read a statement of concern about the Solid Waste Resource Management Plan. Tom McMurtry spoke on behalf of Recycle Ann Arbor. Ian Robinson, Huron Valley Labor Council, reported that his organization and others prefer the alternative proposal to consolidate solid waste collection by waste stream. Alana DeRiggi spoke on behalf of a new

organization, Pesticide-Free Ann Arbor.

UNFINISHED BUSINESS

There was no unfinished business.

NEW BUSINESS

PRESENTATION TO RECYCLE ANN ARBOR

Erica Bertram accepted a Sustaining Ann Arbor Together grant award from Dr. Stults, and then gave a short presentation about the new and improved Recycle Ann Arbor's A to Z Recycling Guide.

[REDACTED] The Ann Arbor A-Z Recycling Guide Becomes a Zero Waste Guide

Attachments: A to Z Zero Waste Guide Presentation Aug 2019rev2.pdf,
A to Z Zero Waste Guide Presentation Aug 2019rev2.pdf

SOLID WASTE RESOURCE MASTER PLAN

[REDACTED] Solid Waste Resources Management Plan draft

Attachments: SWRMP - August 2019 draft.pdf

[REDACTED] Solid Waste Resource Management Plan PowerPoint Presentation to the Environmental Commission

Attachments: Solid Waste Resource Management Plan PowerPoint Presentation to the Environmental Commission rev2.pdf

Cresson Slotten introduced the Solid Waste Resource Management Plan (SWRMP) project, introduced the project team, shared the goals of the SWRMP, went over the process for plan development, reviewed the financial model, and gave an overview of the 24 recommendations in the SWRMP. Christina Seibert from Aptim gave an overview of the public engagement activities completed as part of this process. She walked through the costs that were considered in the financial analyses and models. Mr. Slotten gave City responses to issues brought up in an email sent from Recycle Ann Arbor earlier in the day.

Chair Brown asked Mr. Slotten to recap the next steps for staff and City Council. Commissioner Mirsky asked Mr. Slotten to report on the

achievements from the previous solid waste plan and how success will be defined in the SWRMP. City Administrator Howard Lazarus responded to his concerns. Chair Brown spoke about his experiences on the Advisory Committee of the SWRMP. Ms. Siebert shared that the project team stands behind the cost savings from consolidating services across customer bases. Councilmember Smith expressed concerns about the waste diversion surcharge, the Headlee override, and the proposed user fees. Commissioner Needham asked whether the plan will go to Council the way that it is written before it goes to Council. Ms. Siebert replied that minor changes could certainly be made. Commissioner Appel asked whether Commission should wait on weighing in.

[REDACTED] Waste Resource Management Plan Resolution from Staff

Attachments: Env Commission SWRMP Resolution.pdf

A motion was made by Councilmember Smith, seconded by Graham, that the resolution be Tabled until the September meeting. On a voice vote, the Chair declared the motion tabled.

[REDACTED] In response to Environmental Commission Requests about Solid Waste

Attachments: Memo_Environmental Commission Requests_2019-08-20.pdf

[REDACTED] RESOLUTION RECOMMENDING PARTIAL APPROVAL OF SOLID WASTE RESOURCES MANAGEMENT PLAN (2019-2023)

A motion was made by Councilmember Smith, seconded by Graham, that the resolution be Tabled until the September meeting. On a voice vote, the Chair declared the motion tabled.

REGULATING PESTICIDE USE

Councilmember Bannister spoke about Pesticide-Free Ann Arbor and the draft resolution regarding pesticide use in Ann Arbor. She requested that this issue be discussed more fully at the December Commission meeting. Ms De Riggi and Ms. Mitchell spoke about their hopes and plans moving forward including public education and measurement.

[REDACTED] from City Attorneys office re pesticides and state law

Attachments: Memo from City Attorneys office re pesticides and state law.pdf

Sent to Natural Features Working Group

Postponed to the Environmental Commission due back on 12/5/2019. Commissioners are encouraged to speak with Natural Areas Preservation group.

[REDACTED] Motion from the Environmental Commission recommending that City Council take action to support an integrated pest management policy and endorse a pesticide-free and herbicide-free maintenance program for all parks, public spaces, and rights of way in Ann Arbor.

Sent to Natural Features Working Group

Postponed to the Environmental Commission due back on 12/5/2019. Commissioners are encouraged to speak with Natural Areas Preservation group.

REPORTS FROM COMMITTEES, OTHER COMMISSIONS, COUNCIL, AND CHAIR

Planning Commission: Working on many ordinances, including integrating recreational marijuana growing permits with solar to mitigate the energy used by the growers.

Energy Commission: They had a working session most recently and identified four areas of interest for the next year. Working on ordinances. PowerHours are coming back, starting on September 17th.

*Natural Features Subcommittee: Focusing on better protections for trees:
1) Site plan process is good but could be strengthened for Heritage Trees. 2) How to mitigate loss of trees on single family lots. 3) Grading plans mostly do not concern trees. 4) Adding an educational component*

Solid Waste Subcommittee: Talking about solid waste metrics. Working on zero waste goals.

Parks Commission: Pools open until Sept 15th. City is looking for clean-up needs around the DTE energy house. Investigation into historical contamination for new parcels coming into Parks.

Council: Closed session Monday night about Gelman issues. Joint meeting with Council and Scio Township in mid September. Potassium Iodide group is working in Detroit soon. The Environmental picnic was a huge success. Sept 20th Climate Strike. Oct 24 Env Commission

meeting focused on composting and food waste reduction. Greenbelt Advisory Committee meeting Sept 5th or Oct 3rd seeking input on their work plan. Sonic Lunch concert with Michael Franti was enjoyable.

REPORT FROM STAFF

Staff Emily Drennen gave a short overview of the recent work of the Office of Sustainability and Innovations. Solar will be installed soon on Fire Station #6 through the office's new Volunteer Solar Program. Also moving forward with solar on 13 City buildings. Commission will be getting a greenhouse gas presentation at the next meeting. Great success with a solid waste challenge for City staff this month. Good attendance at staff Lunch and Learn events. Thanks to Equity Intern Rebeca Villegas who is helping the office expand weatherization opportunities to low-income homeowners in Ann Arbor.

ITEMS FOR NEXT AGENDA

No items.

NEXT SCHEDULED MEETING

September 26, 2019 at 7pm.

PUBLIC COMMENTARY

There was no public commentary.

ADJOURNMENT

Chair Brown adjourned the meeting at 9:55pm.

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Thursday, September 26, 2019

7:00 PM

Larcom City Hall, 301 E Huron St, Second
floor, City Council Chambers

CALL TO ORDER

Chair Brown called the meeting to order at 7:02 pm.

ROLL CALL

Present: 8 - Susan Hutton, Robert Needham, Mike Appel, Shannan Gibb-Randall, Anne Bannister, John Callewaert, Stephen C Brown, and Jonathan Overpeck

Absent: 5 - Christopher L. Graham, Allison Skinner, Chip Smith, Karie Slavik, and John Mirsky

APPROVAL OF AGENDA

A motion was made by Vice Chair Hutton, seconded by Callewaert, that the minutes be approved. On a voice vote, the Chair declared the motion carried.

APPROVAL OF MINUTES

[REDACTED] mmission Minutes from 8-22-19 Meeting

Attachments: Meeting Minutes Env Commission 8-22-19.pdf

A motion was made by Callewaert, seconded by Needham, that the minutes be approved by the Commission and forwarded to the City Council. On a voice vote, the Chair declared the motion carried.

PUBLIC COMMENTARY

Robin Yu and Ken Garber both urged the Commission to adopt a net zero carbon emergency declaration to meet carbon neutrality by the end of 2025 and to take this up at the October 24, 2019 Commission meeting. A petition with over 500 signatures from Ann Arbor residents was submitted.

UNFINISHED BUSINESS**Update on SWRMP process**

Chair Brown gave a brief recap of what has transpired in regards to the Solid Waste Resource Master Plan (SWRMP). Staff Emily Drennen gave an update on solid waste issues prepared by Staff Craig Hupy:

**Staff are currently working to collect, review, and address comments from City Council regarding the SWRMP. Once those comments have been addressed, staff plan to come back to the Commission in October to share their proposed revisions.*

** The City received two responses for restarting the Materials Recovery Facility. These proposals will be reviewed and the goal is to go to Council with a recommendation by the end of October.*

** An offer has been made to a new solid waste manager. This person has accepted but is still working their way through the new hire process. The hope is that they will be on board in October.*

[REDACTED]s for City Commission involvement in the selection of a firm responding to an RFP

Attachments: CityCommissions_RFPevaluation_draft_css.pdf

NEW BUSINESS

[REDACTED]bor Greenhouse Gas Inventories

Attachments: GHG presentation Final (ENV).pdf

Staff Josh MacDonald gave a report on the City's greenhouse gas inventories from 2015-18. (The video for this item runs between xx and xx.)

Ethics Presentation (Chris Frost and Kelly Beattie)

Staff Kelly Beattie gave a presentation about the processes for applying and reapplying for Commission. Staff Chris Frost gave an overview of the ethics and the bylaws of the Commission, and how to use parliamentary procedures for running meetings.

[REDACTED]Meetings and Record Retention

Attachments: Open Meetings and Record Retention.pdf

[REDACTED] Parliamentary Procedure Guidance

Attachments: Parliamentary Procedure-Guidance.pdf

[REDACTED] Environmental Commission Bylaws 12-6-18

Attachments: Bylaws 12-6-18.pdf

[REDACTED] and Commission Orientation Presentation

Attachments: Member Orientation_Blocks and Commissions.ppt

REPORTS FROM COMMITTEES, OTHER COMMISSIONS, COUNCIL, AND CHAIR

Planning: none

Energy: none

Parks: They voted to replace the gates of the Geddes Dam for \$1.2 million. Parks \$389,000 available for Parks Fairness Fund, of which \$100,000 was dedicated to skate park lighting including sustainability features such as solar or dark sky compliant lighting. It was recommended that solar carports be used to improve the quality of the water run-off into the stormwater system. Stream stabilization project meeting next week.

Natural Features: Meeting on Friday. Focusing on conservation of natural features such as heritage trees. Concerned about the recent news that the population of birds in North America have declined by 30%. It was recommended that the Working Group look at how the Natural Features Ordinance could be amended to improve connectivity between natural areas and parks.

Solid Waste: None

Water: None

City Council: Working on many different Environmental Commission-related goals recently. Examining mirroring the actions of the County by declaring a climate emergency and setting a net zero carbon goal by the end of 2025.

Chair: Shared the document laying out the process for Environmental Commission involvement in the MRF RFP review. Meeting is 9-3 next Tuesday. The City's composting facility is run by WeCare Organics who is giving tours.

REPORT FROM STAFF

Staff Drennen gave a brief update from the Office of Sustainability and Innovations (OSI). Volunteers will be installing solar on Firehouse 6 on October 17th and 18th. Anybody who would like to participate can contact Josh MacDonald. OSI welcomed a new staff member, Galen Hardy. He will be in charge of community engagement. OSI will be working in partnership with UM to host a weeklong celebration of the 50th anniversary of the first Earth Day.

COMMUNICATIONS

[REDACTED] from Dan Ezekiel

Attachments: Remarks to A2 City Council re SWRMP 9.09.19.pdf

Resolution endorsing the declaration of a Climate Emergency to restore a safe climate

[REDACTED] resolution endorsing the declaration of a CLIMATE EMERGENCY to restore a safe climate (part 1)

Attachments: climate emergency petition file 1.pdf

[REDACTED] resolution endorsing the declaration of a CLIMATE EMERGENCY to restore a safe climate (part 2)

Attachments: climate emergency petition file 2.pdf

ITEMS FOR NEXT AGENDA

*An in-depth discussion about the declaration of a climate emergency.
Food Gatherers presentation about food waste.
SWRMP update.*

NEXT SCHEDULED MEETING

October 24th, 2019 at 7pm.

PUBLIC COMMENTARY

Rita Mitchell spoke about the possibility of the City adopting a resolution declaring a climate emergency and that each project in the City budget should include sustainability components. She also wished that the UM President's Carbon Neutrality Commission should include all the campuses.

ADJOURNMENT

Chair Brown adjourned the meeting at 9:24 pm.

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Thursday, October 24, 2019

7:00 PM

Larcom City Hall, 301 E Huron St, Second
floor, City Council Chambers

ROLL CALL

Chair Brown called the meeting to order at 7:00pm.

Present: 11 - Christopher L. Graham, Susan Hutton, Allison Skinner, Chip Smith, Karie Slavik, Mike Appel, Shannan Gibb-Randall, Anne Bannister, John Callewaert, Stephen C Brown, and John Mirsky

Absent: 2 - Robert Needham, and Jonathan Overpeck

APPROVAL OF AGENDA

A motion was made by Energy Commission Rep. Mirsky, seconded by Councilmember Smith, that the agenda be Approved. On a voice vote, the Chair declared the motion carried.

APPROVAL OF MINUTES

[REDACTED] eeting minutes of the Sept 26, 2019 meeting of the Environmental Commission

Attachments: MINUTES 9-24-19 Env Comm.pdf

A motion was made by Callewaert, seconded by Skinner, that the Minutes be Approved by the Commission and forwarded to the City Council.

PUBLIC COMMENTARY

Multiple residents spoke in favor of the climate emergency resolution. One resident shared concerns about the Greenhouse Gas Inventories that were presented at the last meeting. Other residents spoke about how they support the Food Gatherers resolution before the Commission.

Introduction of new staff members

Eileen Naples is the new Resource Recovery Manager and started with the City on October 1st. Galen Hardy is the City's new Community Engagement Specialist and is happy to be with the City.

UNFINISHED BUSINESS

Materials Recovery Facility RFP (Cresson Slotten)

Staff Cresson Slotten gave a detailed overview of the two proposals the City received for interim recycling services. Commissioner Callewaert asked whether the kinds of recycling would change under either proposal. Staff replied that it would not. Commissioner Gibb-Randall asked how this proposal interacts with the possibility of joining the County regionalization effort. Commissioners asked for clarification about the financials of the proposals. Commissioner Mirsky commended staff for the process, and urged that the economic development impacts be considered, and that the City should assign full responsibility for the whole value stream to one entity which is a best practice in industry. He also expressed a regret that this RFP did not go out a year earlier. Commissioner Graham supported Commissioner Mirsky's comments and stated that he supports the option of processing recyclables locally. Chair Brown also supported vertical integration of the process stream and asked about how EmTerra is vertically integrated. He also expressed interest in the regional integration proposal. Commissioner Mirsky urged the Council to enter into the Washtenaw Regional Resource Management Authority (WRRMA). Chair Brown urged staff to conduct a SWOT analysis when presenting to Council. [The video for this item runs between 41:36 and 1:21:11.]

[REDACTED] Point presentation about the MRF RFP Process

Attachments: Recyclables Processing RFP pptx.pdf

Climate Emergency Resolution

Chair Brown gave a summary of the Commission's work on this topic to date. Multiple Commissioners recommended that the public should become involved in the broader work of City Council that touches on climate. Commissioners also referenced the upcoming Climate Neutrality Summit on November 13. Commissioner Graham referenced a sample climate neutrality plan. Much of the discussion revolved around how difficult it will be to reach carbon neutrality, especially with a tight

deadline. Commissioner Graham offered an alternative resolution which was not seconded. Councilmember Smith committed to bringing the commission's climate emergency resolution passed in December 2018, albeit with an accelerated carbon neutrality target date of 2035 instead of 2040, to City Council for their consideration. [The video for this item runs between 1:21:11 and 2:02:37.]

[REDACTED]bor Climate Emergency Resolution: Resolution Endorsing the Declaration of a Climate Emergency to Restore a Safe Climate (Dec 2018)

Attachments: A2ECresolution18-2081ClimateEmergency.pdf

[REDACTED]bor Climate Emergency: Resolution Endorsing the Declaration of a Climate Emergency to Restore a Safe Climate, File Status (2018)

Attachments: A2ECresolution18-2081ClimateEmergency_disposition.pdf

[REDACTED]bor Climate Emergency Resolution - Resolution Endorsing the Declaration of a Climate Emergency to Restore a Safe Climate (Oct 2019)

NEW BUSINESS

Food Gatherers

Executive Director Eileen Spring gave a presentation to Commission about the history, current operations, and impact of Food Gatherers on the Ann Arbor community. Councilmember Smith proposed an amendment to strike the four "Therefore be it resolved" clauses and replace them with a single new resolved clause. Commissioner Mirsky moved and Hutton seconded the amendment. Unanimous voice vote in support of the amendment. [The video for this item runs between 2:02:37 and 2:47:36.]

[REDACTED]atherers PowerPoint

Attachments: Food Gatherers Presentation.pdf

[REDACTED]nniversary video - Food Gatherers

Attachments: 25th Anniversary video, clipped (1).mp4

[REDACTED] or 26 regulations

Attachments: Chapter 26 Regulations - 12-6-10.pdf

[REDACTED] Newsletter - Summer 2019

Attachments: Plenty - Summer 2019 (3).pdf

[REDACTED] from Joe Ohren

19-2074 Food Gatherers Resolution

Attachments: File Summary

A motion was made by Councilmember Smith, seconded by Chair C Brown, that the Resolution be Approved as amended by the Commission and Forwarded to the City Council. On a voice vote, the Chair declared the motion carried.

Heritage Trees Resolution (Natural Features Working Group)

Commissioner Graham presented a resolution proposed by the Natural Features Working Group to increase protections for heritage and culturally important trees.

19-2065 Resolution in Support of Expanding the City's Tree Protection to Include Heritage Trees

Attachments: Expanding Tree Protection to Heritage Trees_Env Commission.pdf

A motion was made by Graham, seconded by Councilmember Smith, that the Resolution be Approved by the Commission. On a voice vote, the Chair declared the motion carried.

REPORTS FROM WORK GROUPS, OTHER COMMISSIONS, COUNCIL, AND CHAIR

Solid Waste Working Group: Been working on metrics for solid waste and plan to have something for Commission at the next meeting.

Natural Features Working Group: Thanked the Commission for approving their heritage trees resolution. Will be working on protections for trees for projects zoned for single family homes and duplexes.

Water Working Group: They expect to have something for the next meeting.

Parks Commission: Nothing to report.

Energy Commission: They had a presentation from the Ann Arbor Public Schools on their upcoming bond proposal. The commission would have likely passed a resolution in support of the sustainability measures proposed in the bond spending plan but a quorum was not present.

Commissioner Mirsky noted that at present AAPS does not have a GHG inventory, targets, or objective measures of success. Residents need to continuously advocate that the AAPS actually spends bond funds allocated for sustainability on sustainability measures. The commission is working on updating their bylaws and making progress on their proposed ordinances.

Planning Commission: Passed a project on Washington that took advantage of new affordable housing premiums and will be installing solar.

City Council: Councilmember Bannister clarified that she voted "yes" on both budget proposals earlier this year. She thanked people that have been working on tree issues, especially at the project on Packard Ave. She also wanted to thank Janet Liebson and her niece Marie White who are big Food Gatherers volunteers who brought these issues to the table at a meeting in June.

Commissioner Appel asked for an update on the status of Ann Arbor's decision to enter into the Washtenaw County waste regionalization effort. Councilmember Smith responded that it is pending completion of the Solid Waste Master Plan. He tried to bring it to Council for a reconsideration but was not successful in getting it on the agenda.

Commissioner Mirsky clarified that the Solid Waste Master Plan does not even deal with regionalization. Councilmember Bannister spoke about the union issue. Commissioner Appel said that staff wanted the regionalization vote, the Commission supported it unanimously, but there was not support at the Council. He questioned the lack of leadership by elected leaders. Chair Brown reported that it is only \$5,000 to join the regionalization efforts and that there would be time to address any future issues. The Chair encouraged Councilmembers to address their concerns directly with the County. Councilmember Bannister reiterated that the two dealbreakers are the concerns over losing union jobs and not having voting rights proportional to city size or waste generated.

Commissioner Mirsky stated that the City can negotiate these issues if the Authority decides to expand beyond its current charge and hire employees or make capital investments as well as leave the regional entity easily anytime in the future. Councilmember Bannister agreed to

*find out about bringing the issue back to Council. Commissioner Hutton also encouraged talking to other regional entities. Commissioner Graham stated that he was surprised to see a proposal on the agenda to revive the City's Material Resource Facility.
There was no report from Chair Brown.*

REPORT FROM STAFF

Staff Drennen gave a report about the volunteer solar installation at Firestation 6. They had over 40 volunteers to install the 53 kW solar system. If people are interested in any future installs, they should contact Josh MacDonald. She spoke about the upcoming Climate Neutrality Summit to be held on November 13th at Cobblestone Farm, with the public welcome between 5:30-7. She also invited the public to a free showing of the movie "From Paris to Pittsburgh" on November 12th at 6pm at the Michigan Theater. Staff is also working on coordinating events to commemorate the 50th anniversary of the first Earth Day which was held in Ann Arbor. Commissioner Mirsky added that current plans are for March 10-14, 2020 at Hill Auditorium.

ITEMS FOR NEXT AGENDA

*Pesticide and herbicide resolution and presentation
Cresson's second presentation about the MRF RFP*

NEXT SCHEDULED MEETING

Dec 5, 2019 at 7pm.

PUBLIC COMMENTARY

Ken Garber thanked the Commission for their service. He also spoke about the status of the climate emergency and its impact on youth specifically.

ADJOURNMENT

Chair Brown adjourned the meeting at 10:12 pm.

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City of Ann Arbor

Meeting Minutes

Environmental Commission

301 E. Huron St.
Ann Arbor, MI 48104
[http://a2gov.legistar.com/
Calendar.aspx](http://a2gov.legistar.com/Calendar.aspx)

Thursday, December 5, 2019

7:00 PM

Larcom City Hall, 301 E Huron St, Second
floor, City Council Chambers

CALL TO ORDER

Chair Brown called the meeting to order at 7:02 pm.

ROLL CALL

Present: 11 - Susan Hutton, Robert Needham, Karie Slavik, Mike Appel, Shannan Gibb-Randall, John Callewaert, Stephen C Brown, Jonathan Overpeck, John Mirsky, Anne Bannister, and Chip Smith

Absent: 2 - Christopher L. Graham, and Allison Skinner

APPROVAL OF AGENDA

A motion was made by Needham, seconded by Energy Commission Rep. Mirsky, that the agenda be Approved as presented. On a voice vote, the Chair declared the motion carried.

APPROVAL OF MINUTES

[REDACTED] from the 10-24-19 meeting of the Env Commission

Attachments: Env Commission minutes 10-24-19 rev 2.pdf

A motion was made by Energy Commission Rep. Mirsky, seconded by Callewaert, that the Minutes be Approved by the Commission and forwarded to the City Council. On a voice vote, the Chair declared the motion carried.

PUBLIC COMMENTARY

There was no public commentary.

UNFINISHED BUSINESS

Commission participation in RFP processes

[REDACTED] is for City Commission involvement in the selection of a firm responding to an RFP

Attachments: CityCommissions_RFPevaluation_draft_css.pdf

Staff Slotten reported that the document in question was an internal document not meant for public viewing.

ACTION ITEM: City Administrator Lazarus said that he would finish the document and bring it back to the Commission.

Tabled

Integrated Pest Management

Staff Dave Borneman from Parks gave a presentation about how the Parks Department controls pests uses an Integrated Pest Management policy to minimize the use of chemical controls in managing Park lands. Councilmember Smith asked if staff could share this information to the public on a website. Councilmember Bannister talked about a resolution being brought to Commission at the January meeting. Chair Brown asked if the Parks Dept uses insecticide. Commissioner Gibb-Randall asked what is on the horizon regarding to these issues. Staff Borneman replied that they pay attention to the issues in the news and try to keep up to date on the issues. Public Works uses a very minimal amount of herbicides as needed. [The video for this item runs between 14:45 and 44:49.]

[REDACTED]ated Pest Management for the City of Ann Arbor

Attachments: Integrated Pest Management 2019 - For Legistar.pdf

[REDACTED] from City Attorneys office re pesticides and state law

Attachments: Memo from City Attorneys office re pesticides and state law.pdf

Solid Waste Resource Management Plan

Staff Cresson Slotten gave an update on the Solid Waste Resource Management Plan (SWRMP) process and the resulting plan. Chair Brown thanked staff for their work on this process and asked if the City

would be submitting an RFP for in-house services. City Administrator replied that the cost of service analysis is public. Councilmember Smith asked about the possibility of a solid waste district downtown. Staff Slotten replied the district idea is in the SWRMP. Lazarus replied that staff has been in conversation with the Ann Arbor Downtown Development Agency. Commissioner Overpeck asked staff how the adoption of a carbon neutrality goal can be reached with zero carbon emissions from waste. Lazarus spoke about difficulties the City will encounter in trying to bring carbon emissions in this sector to zero. Commissioner Overpeck asked what the City's diversion rate is and how it compares to other communities. Lazarus replied that the overall diversion rate is approximately 29% but that people need to pay attention to how cities calculate these figures. Commissioner Mirsky added to the discussion by stating that the City is very good in the residential market but lags for the commercial sector. Commissioner Appel asked about the regionalization effort and Lazarus replied that staff will be pushing the issue forward. Commissioner Mirsky suggested that organics collection could be picked up a monthly basis during the winter months saving costs and GHG emissions. He also stated that textile recycling and bulky item collection proposals should be developed so that they result in a win-win outcomes with nonprofits who already provide these services. Councilmember Bannister talked about the weighted representation, "responsible contractor", and standards and enforcement issues. Councilmember Smith reported that the drop off station replacement cost would fall only on the City if the City does not join WRRMA. [The video of this item runs between 44:50 and 1:18:25.]

[REDACTED] or the Solid Waste Resource Management Plan agenda item for the Dec 5, 2019 Env Commission meeting

Attachments: 191017~1.PDF, 2019-12-05_SWRMP EC
PowerPoint.pdf, SWRMP-~1 (1).PDF,
SWRMP-November 2019_final draft.pdf, EC
Resolution_SWRMP_2019-12-05 rev 2.pdf

A motion was made by Smith, seconded by Energy Commission Rep. Mirsky, that the Report or Communication be Approved by the Commission and forwarded to the City Council. On a voice vote, the Chair declared the motion carried.

NEW BUSINESS

2020 Meeting Dates

[REDACTED] Meeting Dates for the Environmental Commission

Attachments: 2020 Meeting Dates for the Env Commission.pdf

A motion was made by Energy Commission Rep. Mirsky, seconded by Smith, that the 2020 meeting dates be Approved by the Commission and forwarded to the City Clerk. On a voice vote, the Chair declared the motion carried.

Discussion on 2020 Work Plans and Work Groups

Commissioners discussed what the Work Groups were able to accomplish in 2019, and began discussing the Work Groups' plans for 2020.

ACTION ITEM: It was decided that each of the Work Groups would convene at least once before the January Commission meeting, at which time they will present a workplan for their Work Group (to be edited or adopted by the Commission).

[REDACTED] Priorities and Subcommittees of the Environmental Commission

Attachments: 2019 Priorities and Subcommittees of the Environmental Commission.pdf

Policy Agenda Items 2020

[REDACTED] Agenda Items for 2020

Attachments: Environmental Commission Policy Agenda Items 2020.pdf

ACTION ITEM: The Chair will be working with Councilmember Smith to collect other policy agenda ideas from Commissioners and submit them for consideration.

A motion was made by Overpeck, seconded by Energy Commission Rep. Mirsky, that the resolution to accept the 6 staff recommendations be Approved. On a voice vote, the Chair declared the motion carried.

REPORTS FROM COMMITTEES, OTHER COMMISSIONS, COUNCIL, AND CHAIR

Water Working Group: They are working with staff to revise a floodplain

ordinance.

Energy Commission: They updated their bylaws, submitted items for the policy agenda process for 2020, and are working on a solar access white paper.

Planning Commission: They are rezoning parcels that were given to the City, working on the Plymouth Rd subdivision project, revising the "public benefit" standards to require solar installations instead of roofs just needing to be "solar-ready", and are rejecting proposals for drive-thrus due to environmental concerns.

Council: Councilmember Bannister gave an update that City staff and Councilmembers will be attending WRRMA's December board meeting. She also mentioned that she is working on a resolution on integrated pest management that will be discussed at the January Commission meeting.

REPORT FROM STAFF

Staff Drennen gave an update on the A2Zero effort, including a report that hundreds of people attended the first public meeting, that the effort now has over 50 community partner organizations signed up, that a survey is now open for public participation at A2Zero.org, and that the next public meeting will be February 22 at Pioneer High School.

ITEMS FOR NEXT AGENDA

- * Work Group plans for 2020
 - * Integrated Pest Management resolution
 - * FY 2020-21 Budget Discussion
- Updates on: securing staff help for development of a tree protection resolution, the status of WRRMA membership, and Food Gatherers' request for City support*

NEXT SCHEDULED MEETING

January 23, 2020

PUBLIC COMMENTARY

Rita Mitchell spoke about the UM Regents meeting that evening.

ADJOURNMENT

Chair Brown adjourned the meeting at 9:20pm.

A motion was made by Vice Chair Hutton, seconded by Energy Commission Rep. Mirsky, that the meeting be adjourned. On a voice vote, the Chair declared the motion carried.

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