Agenda
Energy and Environment Commission
City Of Edina, Minnesota
Edina City Hall, Community Room

Thursday, May 9, 2019
7:00 PM

I. Call To Order

II. Roll Call

III. Approval Of Meeting Agenda

IV. Approval Of Meeting Minutes

- A. Minutes: Energy and Environment Commission April 11, 2019

V. Special Recognitions And Presentations

- A. Water Resources Presentation
- B. Student Presentation: Resolution of Support for a Green New Deal

VI. Community Comment

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

VII. Reports/Recommendations

- A. Initiative 5 Update and Discussion

VIII. Correspondence And Petitions

- A. Working Group Minutes

IX. Chair And Member Comments

- A. Business Recognition Program
- B. Climate Inheritance Resolution

X. Staff Comments

- A. Solar Power Hour

XI. Calendar Of Events

A. 2019 EEC Schedule and Roster List

B. 2019 Initiative Calendar

XII. Adjournment

The City of Edina wants all residents to be comfortable being part of the public process. If you need assistance in the way of hearing amplification, an interpreter, large-print documents or something else, please call 952-927-8861 72 hours in advance of the meeting.

CITY OF EDINA

4801 West 50th Street
Edina, MN 55424
www.edinamn.gov

Date: May 9, 2019

Agenda Item #: IV.A.

To: Energy and Environment Commission

Item Type: Minutes

From: Casey Casella, City Management Fellow

Item Activity: Action

Subject: Minutes: Energy and Environment Commission April 11, 2019

ACTION REQUESTED:
Motion to approve the April 11, 2019 Minutes for the Energy and Environment Commission.

INTRODUCTION:
Receive the Energy and Environment Commission Minutes of April 11, 2019.

ATTACHMENTS:

Minutes: April 11, 2019

Draft Minutes☒
Approved Minutes☐
Approved Date:

Minutes
City Of Edina, Minnesota
Energy and Environment Commission
Edina City Hall Community Room
Thursday, April 11, 2019, 7:00 PM

I. Call To Order

Chair Jackson called the meeting to order at 7:00 p.m.

II. Roll Call

Answering Roll Call were Chair Jackson, Commissioners Horan, Hussian, Manser, Seeley, Lanzas, Satterlee, Hoffman, Glahn and Fernands

Late: Maynor
Absent:
Staff Present: Liaison Brown

III. Approval Of Meeting Agenda

Glahn made a motion to approve the April 11, 2019 meeting agenda. Seeley seconded. All voted aye. Motion carried.

IV. Approval Of Meeting Minutes

Motion made by Glahn to approve the March 14, 2019 minutes with amendments. Motion seconded by Hoffman.

Discussion led to request for an amendment to minutes. Motion made by Chair Jackson to amend the March 14, 2019 minutes to read "May of 2020" under item VII. Initiative 2. Motion seconded by Manser.

Motion made by Manser to approve the March 14, 2019 minutes with amendments. Motion seconded by Hussian. All voted aye. Motion carried.

Commissioner Maynor arrived 7:05 PM

V. Special Recognitions and Presentations

None.

VI. Community Comment

None.

VII. Reports/Recommendation

A. Joint Work Session with City Council

a. Chair Jackson gave an overview of the plan for the joint work session with City Council on April 16, 2019 at 6:15pm.

Chair Jackson asked to add an item to the work plan parking lot. Working with congregations was added to the parking lot.

B. Initiative 3: Large Building Benchmarking

Chair Jackson presented a summary of the benchmarking workshops. The themes that emerged were:

1. How complicated is this going to be?
2. General dislike of regulation.
3. Why not benchmark residents?
4. Fear and misinformation.
5. Punitive.

The Commission discussed the draft benchmarking ordinance. Topics covered were:

- "Political subdivision" language
- Propane inclusion in energy
- Definition of tenant and lease holder
- Timeline of implementation of ordinance
- Level of effort example
- Water utility
    - Wait until automation collection of water data
- Evaluation point of requiring an assessment
    - Leave assessment portion as is in the draft
- Overall goal of benchmarking program
- Enforcement

Motion made by Manser to approve the draft ordinance and sent it on to the Attorney to clean up and then to City Council. Motion seconded by Horan. Motion carried.

VIII. Correspondence And Petitions

A. Received Resident Correspondence

Commission discussed banning plastics straws, the topic of the correspondence received. The Commission planned to respond to the resident. Item was added to the Commission's work plan parking lot.

IX. Chair And Member Comments

A. Chair Jackson thanked the people involved in the energy benchmarking initiative.
B. Chair Jackson notified the Commission students will present at the next commission meeting.
C. Commissioner Manser suggested to watch the Governor's bills on the environment.
D. Commissioner Horan gave an update from Conservation Minnesota.
E. Commissioner Horan gave an update on the BRP initiative.

X. Staff Comments

A. Tree Ordinance Update

a. Forester will make a recommendation to add Ash tree to the list of trees residents don't have to replace with the tree ordinance.

B. Quality of Life Survey
   a. The quality of life survey includes sustainability related questions and will help inform where the community is on the spectrum of tackling sustainability related issues.

C. Builder Training
   a. A contractor training will take place this April. The sustainability manager will present actions builders can take to builder more sustainable homes. Sustainability manager will share presentation and discussion to inform.

XI. Calendar of Events

A. Group discussed having the Commission's August meeting offsite at Braemar Golf Course.

XII. Adjournment

Motion made by Hoffman to adjourn the April 11, 2019 meeting at 8:37 p.m. Motion seconded by Hussian. Motion carried.

Respectfully submitted,
Tara Brown
Sustainability Manager

ENERGY & ENVIRONMENT COMMISSION														
	J	F	M	A	M	J	J	A	S	O	N	D	# of Mtgs.	Attendance %
Meetings/Work Sessions	1	1	1	1									4	
NAME														
Glahn, William	1	1	1	1									4	100%
Hoffman, Howard	1		1	1									3	75%
Horan, Michelle	1	1	1	1									4	100%
Hussian, Paul	1	1	1	1									4	100%
Jackson, Carolyn	1	1	1	1									4	100%
Kostuch, Keith	1												1	25%
Manser, Richard	1	1	1	1									4	100%
Satterlee, Lauren	1	1	1	1									4	100%
Seeley, Melissa		1		1									2	50%
Lanzas, Bayardo	1	1		1									3	75%
Fernands, Madeline (s)	1	1		1									3	75%
Maynor, Chole (s)	1		1	1									3	75%

CITY OF EDINA

4801 West 50th Street

Edina, MN 55424

www.edinamn.gov

Date: May 9, 2019

Agenda Item #: V.A.

To: Energy and Environment Commission

Item Type:

From:

Item Activity:

Subject: Water Resources Presentation

ACTION REQUESTED:

INTRODUCTION:

ATTACHMENTS:

Water Resources Coordinator Report

Cornelia Buffer Fact Sheet

The CITY of
EDINA

Water Resources Coordinator's Report

Jessica V. Wilson, CFM

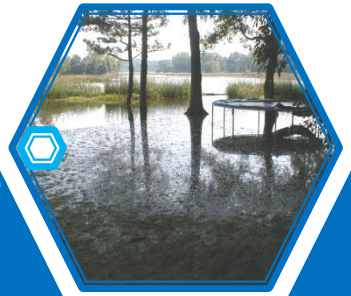
May 9, 2019

Water Resources Management

The CITY of EDINA



Flooding and drainage



Lakes, ponds, creeks, wetlands

Groundwater

Pollution prevention

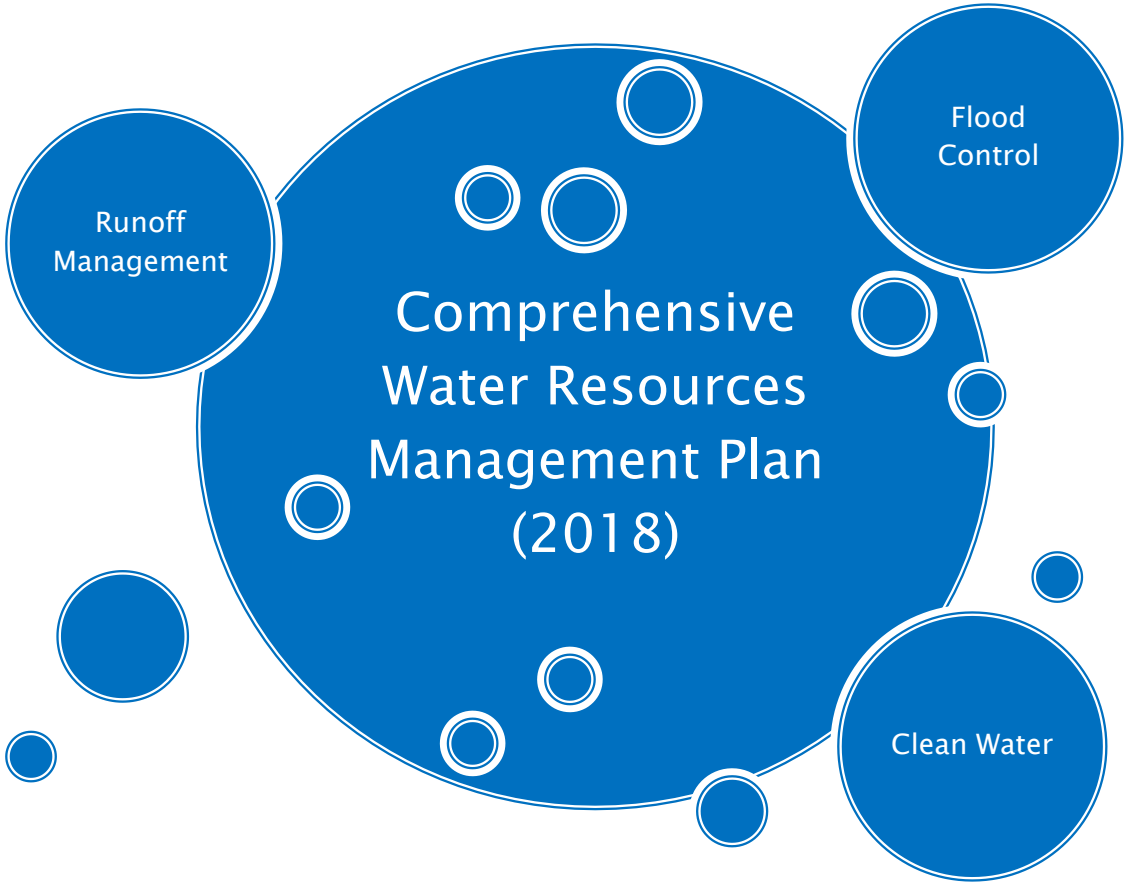


Community engagement





The CITY of
EDINA

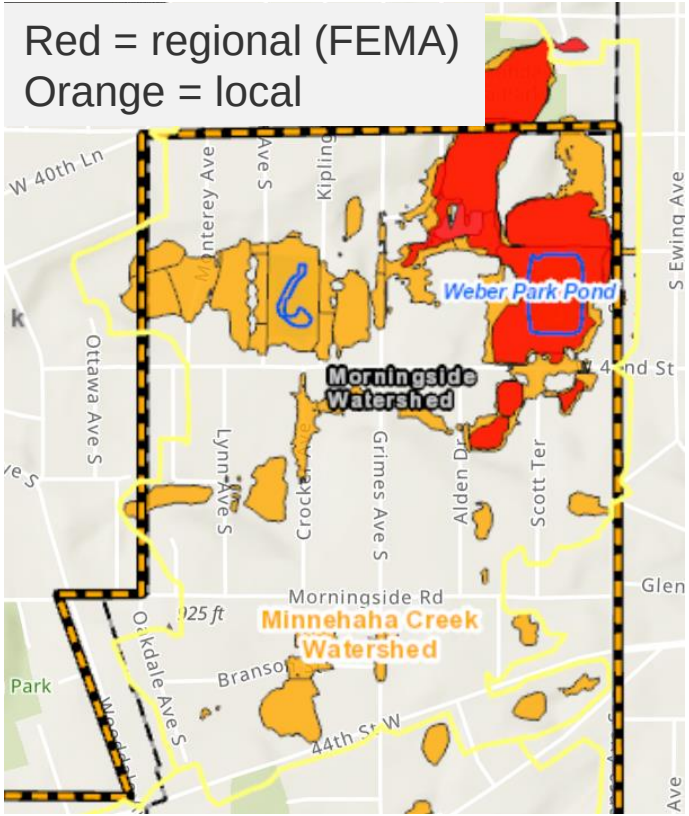


Clean Water Strategy

Flood Risk Reduction Strategy

Flood Risk Reduction Strategy

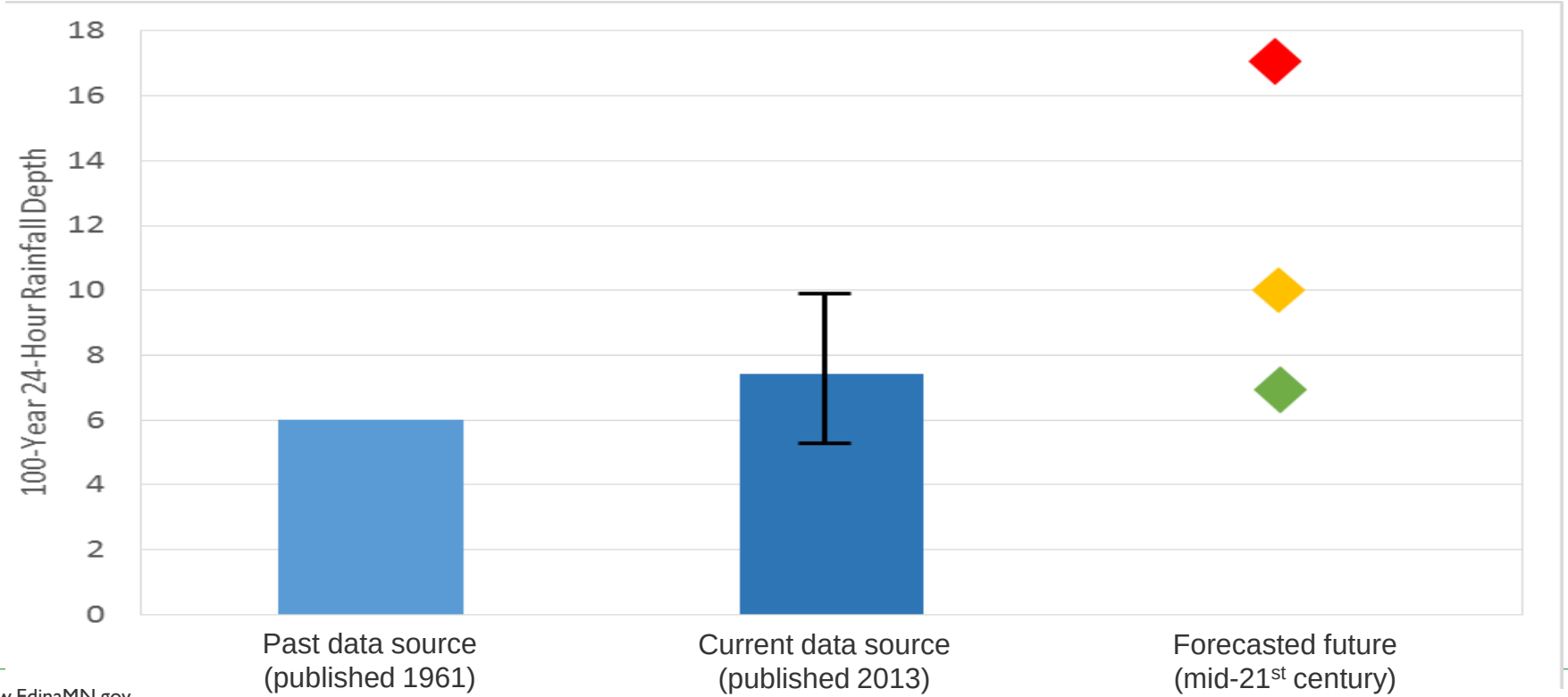
- 2019
- Morningside Neighborhood
- How did we get here?
- Opportunity sectors:
  - Land use
  - Awareness
  - Stormwater utility
  - Park redevelopment
  - Road reconstruction projects
  - Community capacity building



Edina's Interactive Water Resources Map

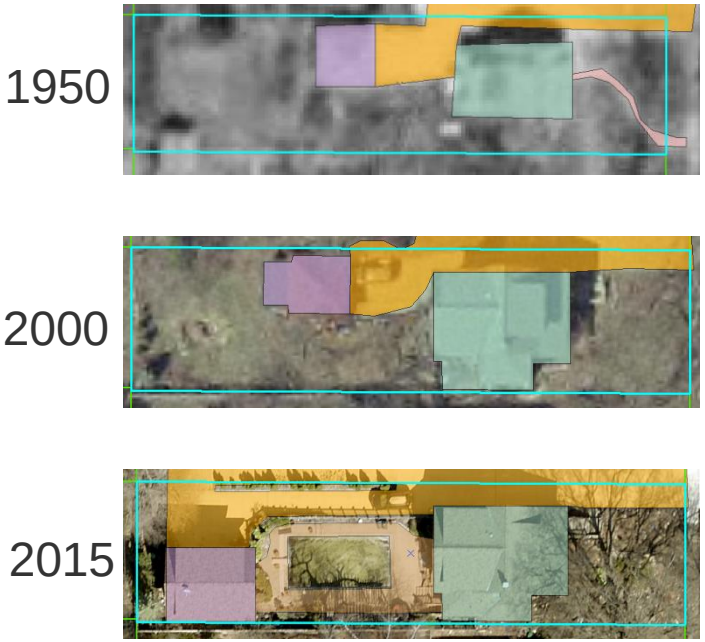
Flood Risk Reduction Strategy

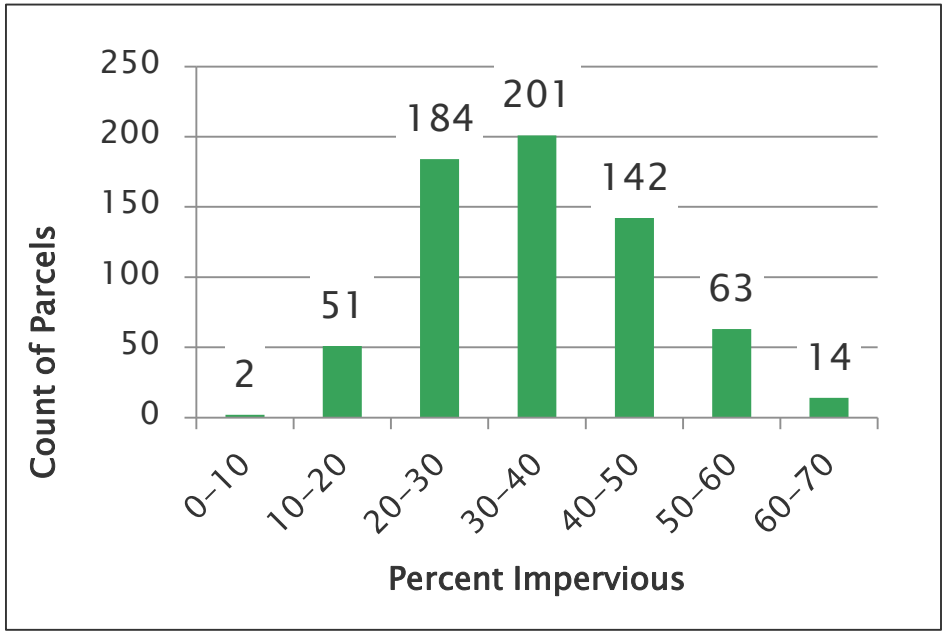
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Flood Risk Reduction Strategy

The CITY of EDINA





Count of parcels in various percent impervious ranges in the Morningside neighborhood (2019, City of Edina Staff).

Clean Water Strategy

- 2020
- Lake Cornelia
- Will leverage current projects by the MN Pollution Control Agency and the Nine Mile Creek Watershed District to study sources, management strategy effectiveness, and pollutant reductions needed to meet clean water standards.

Fish



Curly-leaf Pondweed (Invasive)



Nutrient Rich Sediments



Watershed Runoff



Use Attainability Analysis Study presentation, December 2018

Notable Projects

Before and after restoration on Reach 1



Nine Mile Creek Stabilization
(Nine Mile Creek Watershed District project)

Concept Plan



Arden Park Restoration

Notable Projects

Before and after stabilization



Mill Pond at Sunnyslope Rd Shoreline Stabilization

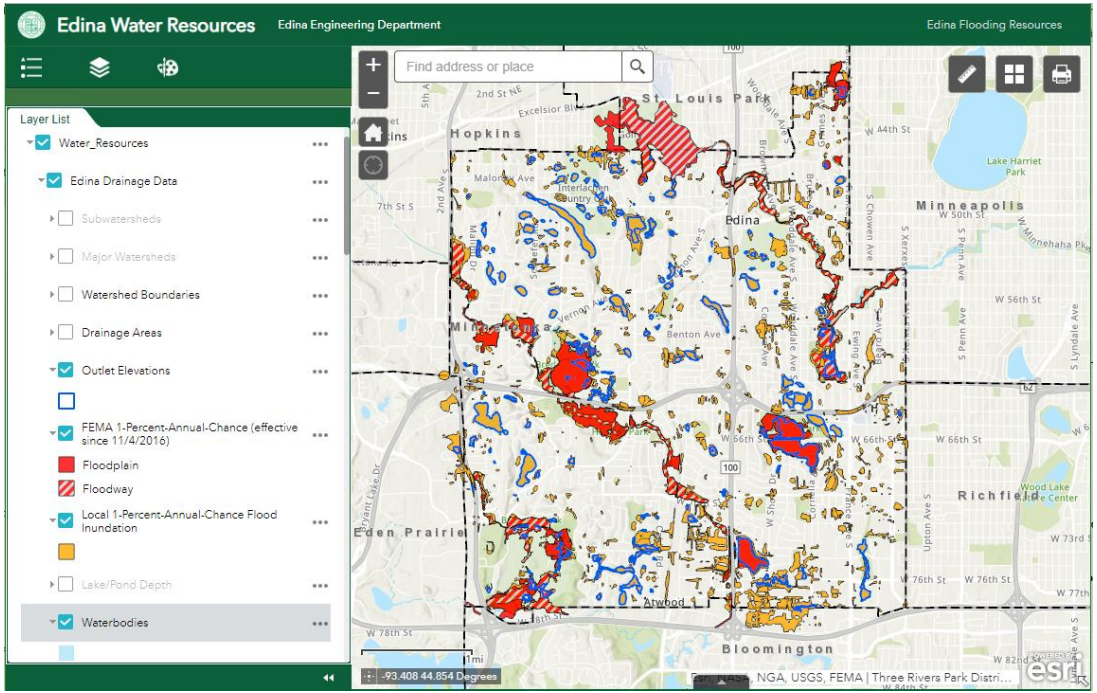
Pamela Park 2015 aerial photo with stormwater network



Pamela Park Water Quality Pond Maintenance

Flooding and Drainage

- Updated online interactive map
- Self-service tools
- Policies for Stormwater Management, Erosion and Sediment Control, and Floodplain Development
- Residential Stormwater Assistance Grant Program



Edina's Interactive Water Resources Map

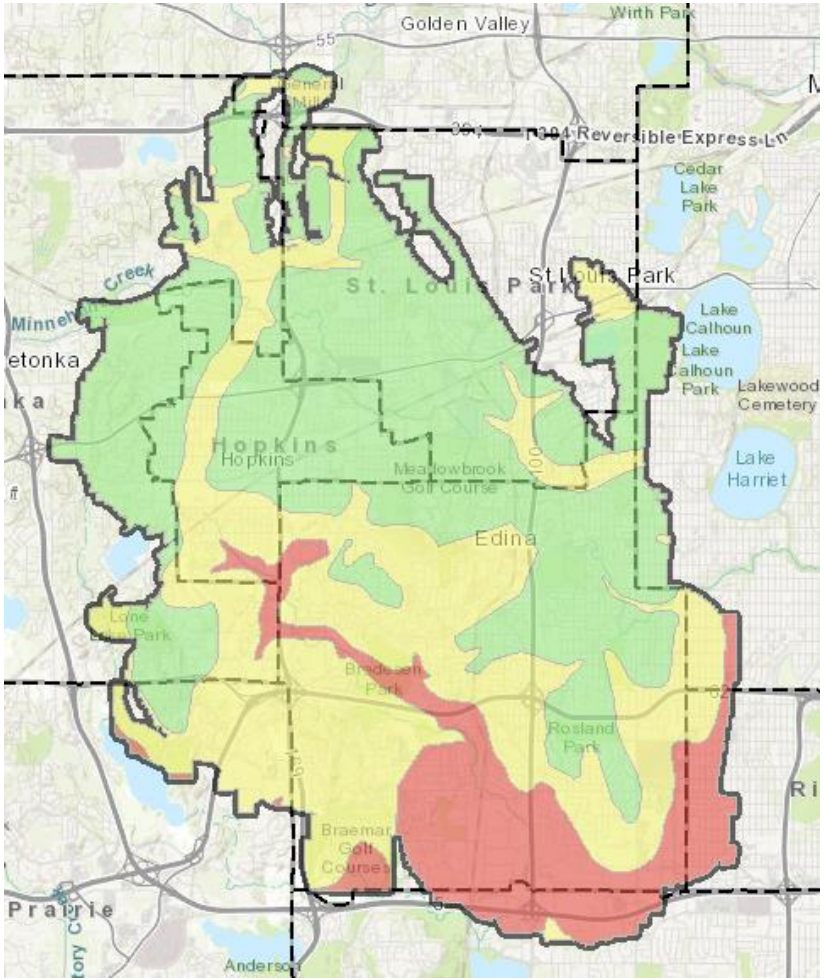
Lakes, Ponds, Creeks, Wetlands

The CITY of EDINA

- Aquatic Vegetation Management
  - Reduce invasive curlyleaf pondweed
  - Manage nuisance algae blooms
  - Encourage native aquatic plants including duckweed
  - Accommodate requests for service
- Incorporated Lake Associations
  - Arrowhead Lake Association
  - The Indianhead Lake Association
  - Friends of Melody Lake
  - Lake Nancy Lake Association

Groundwater

- Groundwater wells database
- Determining the existence of private wells during demo permit review process
- Well sealing grants
- Water conservation policy review

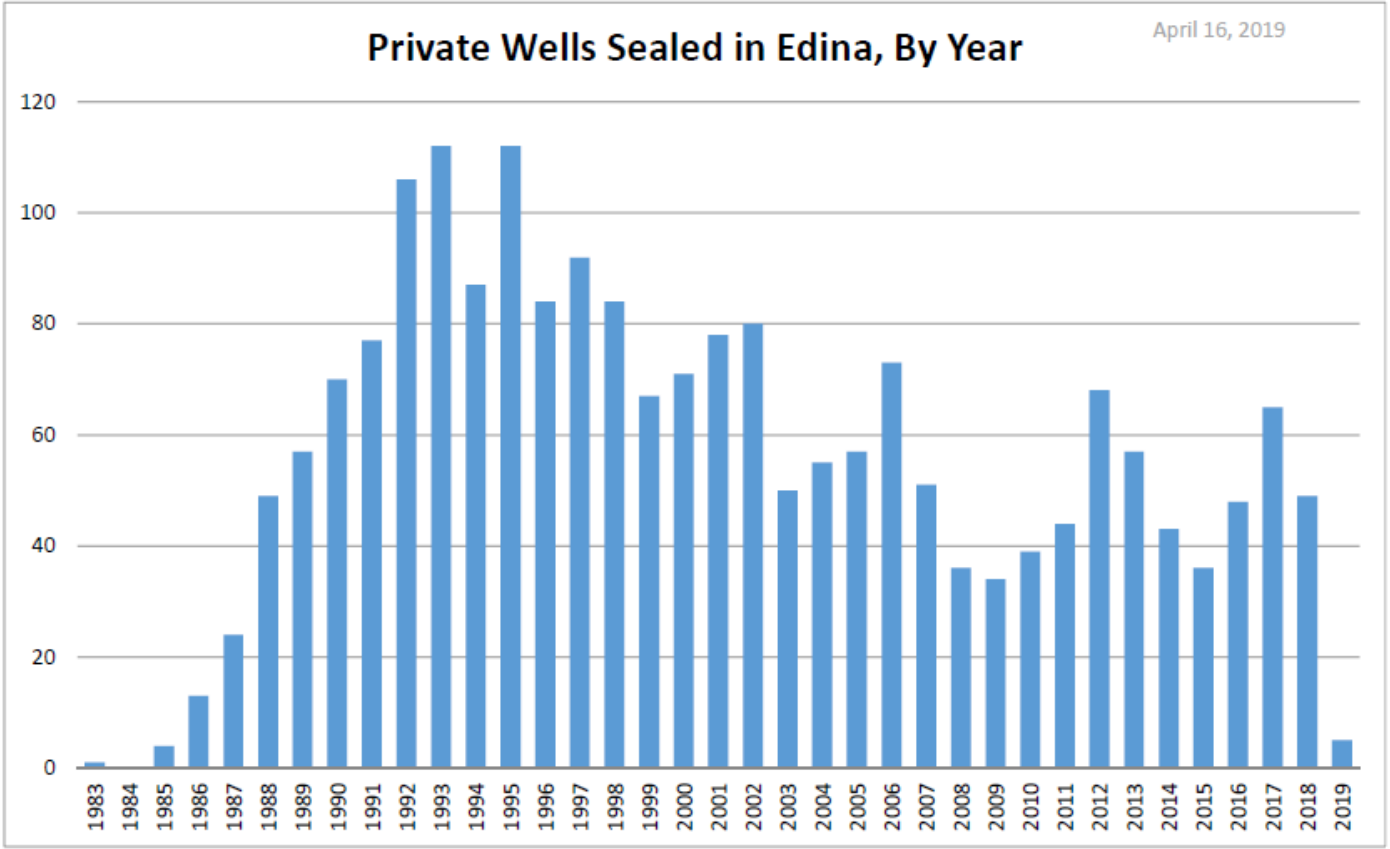


Drinking Water Source Management Area extent with vulnerability classes

Private groundwater wells

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- 2,000+ sealed wells
- 700+ unsealed
- 42 residential domestic users



Pollution Prevention

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- Municipal Separate Storm Sewer System (MS4)
- Erosion and sediment control inspections and enforcement
- Clean Water Best Management Practices (BMPs) inventory, assessment, and maintenance



Street sweeper



Operation and Maintenance

More than 2000 structures
About 80 miles of stormwater mains
Majority of system installed in 1950s and 1960s

Illicit Discharges













Chloride

The CITY of EDINA

- "Adaptive Management to Improve Deicing Operations" project
- Ongoing training and technology upgrades
- Limited liability legislation reintroduced
- Model contract for winter maintenance



Smart Salting Certification training at Edina PublicWorks

Community Engagement

Better Together EDINA

The CITY of EDINA



OPEN STREETS ON 50TH

ADOPT A STORM DRAIN

Metro Blooms
Grow. Bloom. Inspire!

Master Water Stewards
Community Leadership for Clean Water

MINNESOTA WATER
LET'S KEEP IT CLEAN
CleanWaterMN.org

Natural Resources

- Braemar Golf Course
  - Native plant restoration, wetland replacement, and flood protection
- Edina Land Management Plan
- Lake Cornelia Vegetated Buffer for Clean Water

Natural resources signs at Braemar





Water Resources Information online

The CITY of EDINA

Water Resources Library

- Department of Natural Resources permits
- Plans, policies, studies
- Water related agreements
- Bathymetry map PDFs
- FEMA floodplain property PDFs
- And more…

Interactive Water Resources Map

- Clean Water Best Management Practices (BMPs)
- Bathymetry (lake topography)
- Flood inundation areas
- Stormwater infrastructure
- Groundwater contamination vulnerability
- And more…

Lake Cornelia
Vegetated Buffer for Clean Water

What does the project include?

- Removal of turf and invasive buckthorn on City property
- Restoration with native plants
- Ongoing maintenance
- Conservation easement

Why is this project being done?

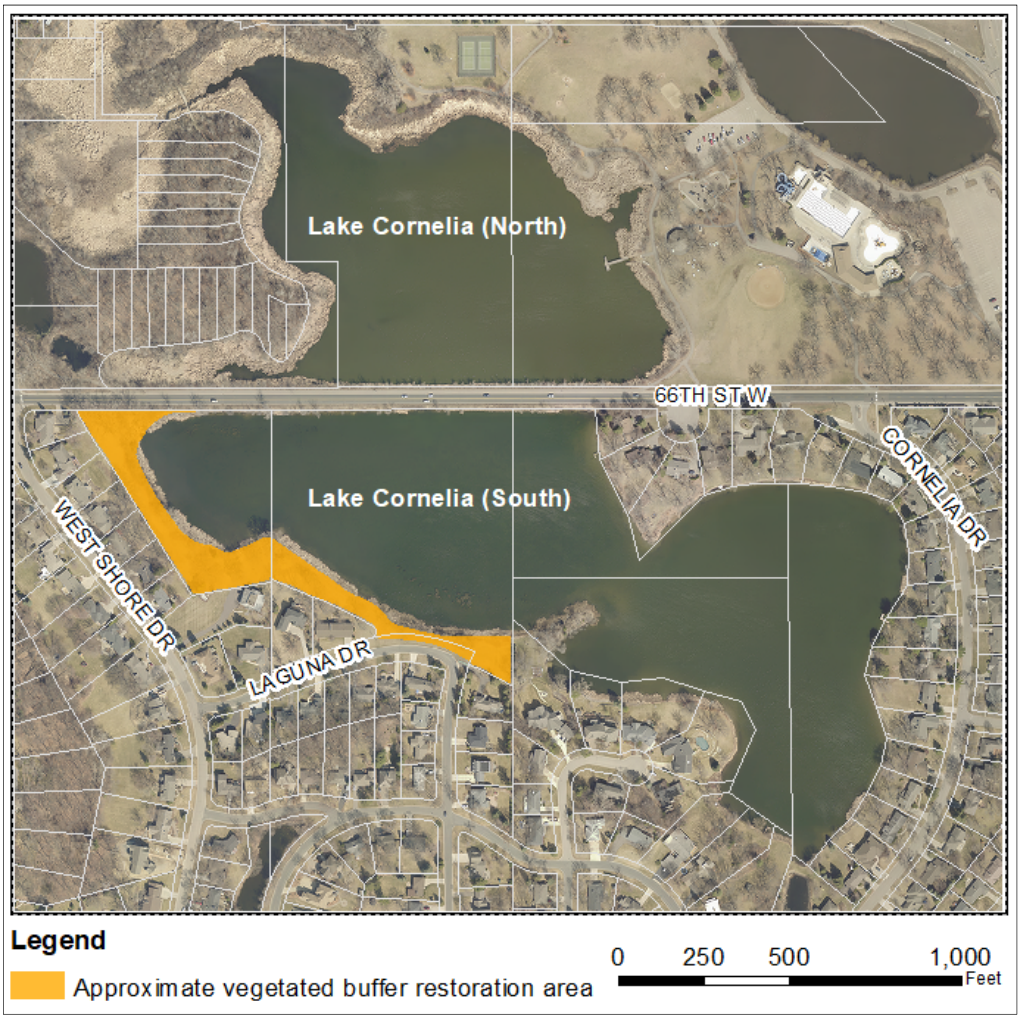
Clean Water. Lake Cornelia is polluted with excess nutrients, mainly phosphorus. Excess phosphorus fuels algae, including harmful blue-green algae blooms. Vegetated buffers promote clean water by filtering nutrients from water before it enters the lake.

Habitat. Native plants support wildlife, including pollinators. The project includes management of invasive buckthorn.

Sustainability. Native landscapes require less mowing which means savings in labor and equipment costs, fewer carbon emissions, and a more resilient landscape in a changing climate.

When would the project occur?

Project design in spring 2019 with construction to follow in same year.



How will the project be funded?

The project will be funded through the stormwater utility fund. No part of the project would be special assessed to property owners.

Contact

Jessica Wilson
Water Resources Coordinator
JWilson@EdinaMN.gov
952-826-0445

Tom Swenson
Assistant Director
Parks and Natural Resources
TSwenson@EdinaMN.gov
952-826-0317

March 2019

CITY OF EDINA

4801 West 50th Street

Edina, MN 55424

www.edinamn.gov

Date: May 9, 2019

Agenda Item #: V.B.

To: Energy and Environment Commission

Item Type: Other

From: Tara Brown, EEC Liaison

Item Activity: Discussion

Subject: Student Presentation: Resolution of Support for a Green New Deal

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ACTION REQUESTED:

INTRODUCTION:

During April 2 Council Meeting, community commenters requested Council support a resolution for the Federal Bill Green New Deal. Council requested the Energy and Environment Commission to review the Resolution and send an advisory communication.

ATTACHMENTS:

Sample Resolution

Federal Bill - Green New Deal

About the Student Groups

Resolution for a Green New Deal

A Resolution by Edina City Council calling for the federal government to pass a Green New Deal.

WHEREAS, Edina wants the children and grandchildren of this community protected from the risks of climate destruction;

WHEREAS, an October 2018 United Nations Intergovernmental Panel on Climate Change (IPCC) report says we have less than 12 years, to limit devastating global warming and avoid a climate change catastrophe;

WHEREAS, the October 2018 IPCC report also makes clear that every bit of warming matters, so every fraction of a degree less of warming will save lives and save money across the world's economies;

WHEREAS, the world is already experiencing serious, detrimental, costly, and increasing impacts from climate change, including more intense storms, unprecedented flooding and persistent wildfires;

WHEREAS, an inadequate response to climate change will increase economic and environmental disruptions that threaten human life, healthy communities, and critical infrastructure. These include, but are not limited to: severe storms, longer and hotter heat waves, worsening flood and drought cycles, growing invasive species and insect problems, accelerated species extinction rates, rising sea levels, increased wildfires, a dramatic increase in refugees from climate impacted lands, an undersupply of basic needs such as safe food and water, greater propensity for health problems among our communities, and a setback in global efforts to eradicate social problems including poverty and hunger;

WHEREAS, the most negative impacts of climate change are generally falling on frontline communities. Frontline communities that are underrepresented, such as lower-income communities or communities of color, are bearing the initial burden of climate change, but are least equipped to adapt to these impacts;

WHEREAS, doing what is now necessary to adequately address the climate crisis requires a national mobilization of a scope and scale that makes this a historic opportunity to address inequities caused and exacerbated by the fossil fuel economy, as well as to provide unprecedented levels of prosperity and economic security for all people in the United States;

WHEREAS, Senator Ed Markey and Representative Alexandria Ocasio-Cortez released, on February 7, 2019, a Resolution Recognizing the duty of the Federal Government to create a

Green New Deal which adequately addresses climate change and secures a sustainable and healthy future for everyone;

WHEREAS, federal Green New Deal legislation would create a detailed mobilization plan to:

- within a decade, achieve net-zero greenhouse gas emissions through a fair and just transition for all communities and workers;
- create millions of good, high-wage jobs and ensure prosperity and economic security for all people of the United States;
- invest in the infrastructure and industry of the United States to sustainably meet the challenges of the 21st century;
- secure for all people of the United States for generations to come:
    - clean air and water;
    - climate and community resiliency;
    - healthy food;
    - access to nature;
    - and a sustainable environment;
- and promote justice and equity by stopping current, preventing future, and repairing historic oppression of indigenous communities, communities of color, migrant communities, deindustrialized communities, depopulated rural communities, the poor, low-income workers, women, the elderly, the unhoused, people with disabilities, and youth;

WHEREAS, state Green New Deal legislation would create a detailed plan to:

- transition to 100% renewable energy by 2030;
- stop the development of fossil fuel infrastructure
- create an office under the Governor that will oversee the transition to clean energy and is staffed by members from frontline communities ;
- make various studies on how to transition various industries to clean energy

WHEREAS, local governments calling for the federal government to pass a Green New Deal will demonstrate widespread popular support for necessary and just climate action;

WHEREAS, the City of Edina strongly values building and maintaining a sustainable environment and supports an environmental policy approach that positively impacts the community;

WHEREAS, Green New Deal legislation would help Edina reach the goals in it's new Comprehensive Plan draft;

THEREFORE BE IT RESOLVED, that Edina City Council calls on the U.S. Government and Minnesota Government to, as soon as possible, pass a Green New Deal based on the Resolution released on February 7, 2019 by Senator Ed Markey and Representative Alexandria Ocasio-Cortez.:

.

CERTIFICATION

The foregoing resolution was adopted by _____ in _____ on _____ with a quorum present.

Signed by: _____

Attest: _____

AUTHENTICATED
U.S. GOVERNMENT
INFORMATION
GPO

116TH CONGRESS
1ST SESSION

H. RES. 109

Recognizing the duty of the Federal Government to create a Green New Deal.

IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 7, 2019

Ms. OCASIO-CORTEZ (for herself, Mr. HASTINGS, Ms. TLAIB, Mr. SERRANO, Mrs. CAROLYN B. MALONEY of New York, Mr. VARGAS, Mr. ESPAILLAT, Mr. LYNCH, Ms. VELÁZQUEZ, Mr. BLUMENAUER, Mr. BRENDAN F. BOYLE of Pennsylvania, Mr. CASTRO of Texas, Ms. CLARKE of New York, Ms. JAYAPAL, Mr. KHANNA, Mr. TED LIEU of California, Ms. PRESSLEY, Mr. WELCH, Mr. ENGEL, Mr. NEGUSE, Mr. NADLER, Mr. MCGOVERN, Mr. POCAN, Mr. TAKANO, Ms. NORTON, Mr. RASKIN, Mr. CONNOLLY, Mr. LOWENTHAL, Ms. MATSUI, Mr. THOMPSON of California, Mr. LEVIN of California, Ms. PINGREE, Mr. QUIGLEY, Mr. HUFFMAN, Mrs. WATSON COLEMAN, Mr. GARCÍA of Illinois, Mr. HIGGINS of New York, Ms. HAALAND, Ms. MENG, Mr. CARBAJAL, Mr. CICILLINE, Mr. COHEN, Ms. CLARK of Massachusetts, Ms. JUDY CHU of California, Ms. MUCARSEL-POWELL, Mr. MOULTON, Mr. GRIJALVA, Mr. MEEKS, Mr. SABLAN, Ms. LEE of California, Ms. BONAMICI, Mr. SEAN PATRICK MALONEY of New York, Ms. SCHAKOWSKY, Ms. DELAURO, Mr. LEVIN of Michigan, Ms. MCCOLLUM, Mr. DESAULNIER, Mr. COURTNEY, Mr. LARSON of Connecticut, Ms. ESCOBAR, Mr. SCHIFF, Mr. KEATING, Mr. DEFAZIO, Ms. ESHOO, Mrs. TRAHAN, Mr. GOMEZ, Mr. KENNEDY, and Ms. WATERS) submitted the following resolution; which was referred to the Committee on Energy and Commerce, and in addition to the Committees on Science, Space, and Technology, Education and Labor, Transportation and Infrastructure, Agriculture, Natural Resources, Foreign Affairs, Financial Services, the Judiciary, Ways and Means, and Oversight and Reform, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

RESOLUTION

Recognizing the duty of the Federal Government to create a Green New Deal.

Whereas the October 2018 report entitled ''Special Report on Global Warming of 1.5 °C'' by the Intergovernmental Panel on Climate Change and the November 2018 Fourth National Climate Assessment report found that—

(1) human activity is the dominant cause of observed climate change over the past century;

(2) a changing climate is causing sea levels to rise and an increase in wildfires, severe storms, droughts, and other extreme weather events that threaten human life, healthy communities, and critical infrastructure;

(3) global warming at or above 2 degrees Celsius beyond preindustrialized levels will cause—

(A) mass migration from the regions most affected by climate change;

(B) more than $500,000,000,000 in lost annual economic output in the United States by the year 2100;

(C) wildfires that, by 2050, will annually burn at least twice as much forest area in the western United States than was typically burned by wildfires in the years preceding 2019;

(D) a loss of more than 99 percent of all coral reefs on Earth;

(E) more than 350,000,000 more people to be exposed globally to deadly heat stress by 2050; and

(F) a risk of damage to $1,000,000,000,000 of public infrastructure and coastal real estate in the United States; and

(4) global temperatures must be kept below 1.5 degrees Celsius above preindustrialized levels to avoid the most severe impacts of a changing climate, which will require—

(A) global reductions in greenhouse gas emissions from human sources of 40 to 60 percent from 2010 levels by 2030; and

(B) net-zero global emissions by 2050;

Whereas, because the United States has historically been responsible for a disproportionate amount of greenhouse gas emissions, having emitted 20 percent of global greenhouse gas emissions through 2014, and has a high technological capacity, the United States must take a leading role in reducing emissions through economic transformation;

Whereas the United States is currently experiencing several related crises, with—

(1) life expectancy declining while basic needs, such as clean air, clean water, healthy food, and adequate health care, housing, transportation, and education, are inaccessible to a significant portion of the United States population;

(2) a 4-decade trend of wage stagnation, deindustrialization, and antilabor policies that has led to—

(A) hourly wages overall stagnating since the 1970s despite increased worker productivity;

(B) the third-worst level of socioeconomic mobility in the developed world before the Great Recession;

(C) the erosion of the earning and bargaining power of workers in the United States; and

(D) inadequate resources for public sector workers to confront the challenges of climate change at local, State, and Federal levels; and

(3) the greatest income inequality since the 1920s, with—

(A) the top 1 percent of earners accruing 91 percent of gains in the first few years of economic recovery after the Great Recession;

(B) a large racial wealth divide amounting to a difference of 20 times more wealth between the average white family and the average black family; and

(C) a gender earnings gap that results in women earning approximately 80 percent as much as men, at the median;

Whereas climate change, pollution, and environmental destruction have exacerbated systemic racial, regional, social, environmental, and economic injustices (referred to in this preamble as ''systemic injustices'') by disproportionately affecting indigenous peoples, communities of color, migrant communities, deindustrialized communities, depopulated rural communities, the poor, low-income workers, women, the elderly, the unhoused, people with disabilities, and youth (referred to in this preamble as ''frontline and vulnerable communities'');

Whereas, climate change constitutes a direct threat to the national security of the United States—

(1) by impacting the economic, environmental, and social stability of countries and communities around the world; and

(2) by acting as a threat multiplier;

Whereas the Federal Government-led mobilizations during World War II and the New Deal created the greatest

middle class that the United States has ever seen, but many members of frontline and vulnerable communities were excluded from many of the economic and societal benefits of those mobilizations; and

Whereas the House of Representatives recognizes that a new national, social, industrial, and economic mobilization on a scale not seen since World War II and the New Deal era is a historic opportunity—

(1) to create millions of good, high-wage jobs in the United States;

(2) to provide unprecedented levels of prosperity and economic security for all people of the United States; and

(3) to counteract systemic injustices: Now, therefore, be it

Resolved, That it is the sense of the House of Representatives that—

(1) it is the duty of the Federal Government to create a Green New Deal—

(A) to achieve net-zero greenhouse gas emissions through a fair and just transition for all communities and workers;

(B) to create millions of good, high-wage jobs and ensure prosperity and economic security for all people of the United States;

(C) to invest in the infrastructure and industry of the United States to sustainably meet the challenges of the 21st century;

(D) to secure for all people of the United States for generations to come—

(i) clean air and water;

(ii) climate and community resiliency;

(iii) healthy food;

(iv) access to nature; and

(v) a sustainable environment; and

(E) to promote justice and equity by stopping current, preventing future, and repairing historic oppression of indigenous peoples, communities of color, migrant communities, deindustrialized communities, depopulated rural communities, the poor, low-income workers, women, the elderly, the unhoused, people with disabilities, and youth (referred to in this resolution as ''frontline and vulnerable communities'');

(2) the goals described in subparagraphs (A) through (E) of paragraph (1) (referred to in this resolution as the ''Green New Deal goals'') should be accomplished through a 10-year national mobilization (referred to in this resolution as the ''Green New Deal mobilization'') that will require the following goals and projects—

(A) building resiliency against climate change-related disasters, such as extreme weather, including by leveraging funding and providing investments for community-defined projects and strategies;

(B) repairing and upgrading the infrastructure in the United States, including—

(i) by eliminating pollution and greenhouse gas emissions as much as technologically feasible;

(ii) by guaranteeing universal access to clean water;

(iii) by reducing the risks posed by climate impacts; and

(iv) by ensuring that any infrastructure bill considered by Congress addresses climate change;

(C) meeting 100 percent of the power demand in the United States through clean, renewable, and zero-emission energy sources, including—

(i) by dramatically expanding and upgrading renewable power sources; and

(ii) by deploying new capacity;

(D) building or upgrading to energy-efficient, distributed, and ''smart'' power grids, and ensuring affordable access to electricity;

(E) upgrading all existing buildings in the United States and building new buildings to achieve maximum energy efficiency, water efficiency, safety, affordability, comfort, and durability, including through electrification;

(F) spurring massive growth in clean manufacturing in the United States and removing pollution and greenhouse gas emissions from manufacturing and industry as much as is technologically feasible, including by expanding renewable energy manufacturing and investing in existing manufacturing and industry;

(G) working collaboratively with farmers and ranchers in the United States to remove pollution and greenhouse gas emissions from the agricultural sector as much as is technologically feasible, including—

(i) by supporting family farming;

(ii) by investing in sustainable farming and land use practices that increase soil health; and

(iii) by building a more sustainable food system that ensures universal access to healthy food;

(H) overhauling transportation systems in the United States to remove pollution and greenhouse gas emissions from the transportation sector as much as is technologically feasible, including through investment in—

(i) zero-emission vehicle infrastructure and manufacturing;

(ii) clean, affordable, and accessible public transit; and

(iii) high-speed rail;

(I) mitigating and managing the long-term adverse health, economic, and other effects of pollution and climate change, including by providing funding for community-defined projects and strategies;

(J) removing greenhouse gases from the atmosphere and reducing pollution by restoring natural ecosystems through proven low-tech solutions that increase soil carbon storage, such as land preservation and afforestation;

(K) restoring and protecting threatened, endangered, and fragile ecosystems through lo-

cally appropriate and science-based projects that enhance biodiversity and support climate resiliency;

(L) cleaning up existing hazardous waste and abandoned sites, ensuring economic development and sustainability on those sites;

(M) identifying other emission and pollution sources and creating solutions to remove them; and

(N) promoting the international exchange of technology, expertise, products, funding, and services, with the aim of making the United States the international leader on climate action, and to help other countries achieve a Green New Deal;

(3) a Green New Deal must be developed through transparent and inclusive consultation, collaboration, and partnership with frontline and vulnerable communities, labor unions, worker cooperatives, civil society groups, academia, and businesses; and

(4) to achieve the Green New Deal goals and mobilization, a Green New Deal will require the following goals and projects—

(A) providing and leveraging, in a way that ensures that the public receives appropriate ownership stakes and returns on investment, adequate capital (including through community grants, public banks, and other public financing), technical expertise, supporting policies, and other forms of assistance to communities, organizations, Federal, State, and local government agencies, and businesses working on the Green New Deal mobilization;

(B) ensuring that the Federal Government takes into account the complete environmental and social costs and impacts of emissions through—

(i) existing laws;

(ii) new policies and programs; and

(iii) ensuring that frontline and vulnerable communities shall not be adversely affected;

(C) providing resources, training, and high-quality education, including higher education, to all people of the United States, with a focus on frontline and vulnerable communities, so that all people of the United States

may be full and equal participants in the Green New Deal mobilization;

(D) making public investments in the research and development of new clean and renewable energy technologies and industries;

(E) directing investments to spur economic development, deepen and diversify industry and business in local and regional economies, and build wealth and community ownership, while prioritizing high-quality job creation and economic, social, and environmental benefits in frontline and vulnerable communities, and deindustrialized communities, that may otherwise struggle with the transition away from greenhouse gas intensive industries;

(F) ensuring the use of democratic and participatory processes that are inclusive of and led by frontline and vulnerable communities and workers to plan, implement, and administer the Green New Deal mobilization at the local level;

(G) ensuring that the Green New Deal mobilization creates high-quality union jobs that pay prevailing wages, hires local workers, offers training and advancement opportunities, and

guarantees wage and benefit parity for workers affected by the transition;

(H) guaranteeing a job with a family-sustaining wage, adequate family and medical leave, paid vacations, and retirement security to all people of the United States;

(I) strengthening and protecting the right of all workers to organize, unionize, and collectively bargain free of coercion, intimidation, and harassment;

(J) strengthening and enforcing labor, workplace health and safety, antidiscrimination, and wage and hour standards across all employers, industries, and sectors;

(K) enacting and enforcing trade rules, procurement standards, and border adjustments with strong labor and environmental protections—

(i) to stop the transfer of jobs and pollution overseas; and

(ii) to grow domestic manufacturing in the United States;

(L) ensuring that public lands, waters, and oceans are protected and that eminent domain is not abused;

(M) obtaining the free, prior, and informed consent of indigenous peoples for all decisions that affect indigenous peoples and their traditional territories, honoring all treaties and agreements with indigenous peoples, and protecting and enforcing the sovereignty and land rights of indigenous peoples;

(N) ensuring a commercial environment where every businessperson is free from unfair competition and domination by domestic or international monopolies; and

(O) providing all people of the United States with—

(i) high-quality health care;

(ii) affordable, safe, and adequate housing;

(iii) economic security; and

(iv) clean water, clean air, healthy and affordable food, and access to nature.

○



iMATTER

iMatter
iMatter has grown a lot since it was founded by a 13-year-old in 2007 --- but what hasn't changed is that it has always been a place where passionate middle and high school students who care deeply about the climate crisis are supported to step into their power and take necessary and just climate action. iMatter believes that when young people understand what's possible and are given the tools, trainings, and support to make it happen, they will shift public will in their communities and inspire others to do the same.

Sunrise
Sunrise is a youth-led movement, started in 2017, to stop climate change and create millions of good jobs in the process. The group is building an army of young people to make climate change an urgent priority across America, end the corrupting influence of fossil fuel executives on our politics, and elect leaders who stand up for the health and wellbeing of all people.

CITY OF EDINA

4801 West 50th Street
Edina, MN 55424
www.edinamn.gov

Date: May 9, 2019

Agenda Item #: VII.A.

To: Energy and Environment Commission

Item Type:
Other

From: Lauren Satterlee, EEC Vice Chair

Item Activity:
Discussion, Information

Subject: Initiative 5 Update and Discussion

ACTION REQUESTED:

INTRODUCTION:
Vice Chair Satterlee will present work to date on Initiative 5: Study and Report about a timeline and parameters recommendation for a Climate Action Plan including the City's leadership role.

ATTACHMENTS:

Initiative 5: Study and Report's Outline

1. Why a Climate Action Plan? 3
What's at Stake?: Impacts on Residents, Businesses, Built Infrastructure 3
Vision Edina 6
Features that Define Edina: 'Sustainable Environment' and 'Future-Oriented' 6
Emerging Priorities: 'Environmental Stewardship' and 'Balancing Edina's Redevelopment' 6
Minnesota State Energy and GHG Reduction Goals 8
Hennepin County Solid Waste Requirements 8
Edina's GHG Reduction Goals and Related Programs & Initiatives 8
Current Programs & Initiatives 8
Looking Forward 9

2. Key Components/Approaches 11
Climate Change Mitigation Strategies 12
Climate Change Adaptation and Resilience Strategies 12
Equity, Inclusion, and Community Input 12

3. Leadership of Other Cities: A Comparison 13
Comparing Climate Action Plan Focus Areas 15

4. Measure Progress 20
Aligning GHG Emissions Goals: Base on State, National, or Global Goals? 20
Other Indicators of Success 20
Lessons Learned from Other Cities 21

5. Considerations 21
Recommendations 22
Prioritization 22
Timeline 22

CITY OF EDINA

4801 West 50th Street
Edina, MN 55424
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Date: May 9, 2019

Agenda Item #: VIII.A.

To: Energy and Environment Commission

Item Type:
Minutes

From: Casey Casella, City Management Fellow

Item Activity:
Information

Subject: Working Group Minutes

ACTION REQUESTED:
None.

INTRODUCTION:
Receive minutes from EEC working group.

ATTACHMENTS:

BEWG Minutes, April 9, 2019

BEWG Minutes
Tuesday, April 9, 2019

In attendance:
Michelle Horan
Paul Hussian
Carolyn Jackson
Caroline Sundal - High School student

Project Earth Youth Climate, Saturday, Summit April 27

- Caroline is in charge of the Solid waste information at the summit.
- Does EEC want to table with information about curbside organics collection, information about the green business recognition program.
- Michele can arrive early to set up, Carolyn and Paul will divide the hours during the summit
- Need to collect information
- Michelle has already sent Caroline information from Hennepin County website

Green Business Recognition Program (GBRP)

- Changing the name from Sustainable to Green
- Changing minimum points for recognition from 20, 30, 40 to 25, 40, 55
- Went over comments that Tara had provided and Michelle's responses. We decided that this program cannot tackle everything. The GBRP is about building community. It is about establishing relationships where we can then begin the conversations about a larger vision of sustainability. The GBRP provides us the opportunity to educate and engage at the ground level.
- How to involve the students in GBRP
    - Hand out flyers to business and engage in conversation if they have the opportunity
    - Tally points when finished application come in
    - Design a certificate
    - Personally deliver decals and certificate to recognized businesses.
    - Have people sign up at the Climate Summit

CITY OF EDINA

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Date: May 9, 2019

Agenda Item #: IX.A.

To: Energy and Environment Commission

Item Type:

From: Michelle Horan, EEC Commissioner

Item Activity:

Subject: Business Recognition Program

ACTION REQUESTED:

INTRODUCTION:

CITY OF EDINA

4801 West 50th Street
Edina, MN 55424
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Date: May 9, 2019

Agenda Item #: IX.B.

To: Energy and Environment Commission

Item Type:

From: Carolyn Jackson, EEC Chair

Item Activity:

Subject: Climate Inheritance Resolution

ACTION REQUESTED:

INTRODUCTION:

CITY OF EDINA

4801 West 50th Street
Edina, MN 55424
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Date: May 9, 2019

Agenda Item #: X.A.

To: Energy and Environment Commission

Item Type:

From: Tara Brown, Sustainability Manager

Item Activity:

Subject: Solar Power Hour

ACTION REQUESTED:

INTRODUCTION:

City of Edina
Energy & Environment Commission

2019 Meetings and Events

Day	Date	Event	Time	Location
Thurs	Jan 10	Regular Meeting	7:00 pm	Community Room
Thurs	Feb 14	Regular Meeting	7:00 pm	Community Room
Mon	Mar 11	Open House for Comp Plan	6:30 pm	Public Works
Thurs	Mar 14	Regular Meeting	7:00 pm	Community Room
Thurs	April 11	Regular Meeting	7:00 pm	Community Room
Mon	April 15	Volunteer Recognition	5:00 pm	Braemar Golf Course
Tues	April 16	Work Session w/ City Council	5:30 pm	Community Room
Tues	April 30	BC Member Annual Reception	6:00 pm	Braemar Golf Course
Thurs	May 9	Regular Meeting	7:00 pm	Community Room
Thurs	June 13	Regular Meeting	7:00 pm	Community Room
Thurs	July 11	Regular Meeting	7:00 pm	Community Room
Thurs	August 8	Regular Meeting	7:00 pm	Community Room
Thurs	Sept 12	Regular Meeting	7:00 pm	Community Room
Thurs	Oct 10	Regular Meeting	7:00 pm	Community Room
Thurs	Nov 7*	Regular Meeting	7:00 pm	Community Room
Thurs	Dec 12	Regular Meeting	7:00 pm	Community Room

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

*Note: November meeting is the first Thursday in November

Chair and Vice Chair specific meetings

Tues	April 30	Chair and Vice Chair Annual Meeting	5:00 pm	Braemar Golf Course
Tues	Oct 1	2020 Work Plan Review w/ Council (Chair only)	5:30 pm	Community Room

Roster

Name	Email
Glahn, Bill	billglahn@aol.com
Fernands, Maddy	maddyfernands@gmail.com
Hoffman, Howard	howard.hoffman@gmail.com
Horan, Michelle	mhoran00@gmail.com
Hussian, Paul	pahussian@hotmail.com
Jackson, Carolyn (Chair)	bjandcj@aol.com
Lanzas, Bayardo	blanzas@artaxstudio.com
Manser, Richard	richardmanser@icloud.com
Maynor, Chloe	chloem20475@isd273.org
Satterlee, Lauren (Vice Chair)	lauren.mpls.mn@gmail.com
Seeley, Melissa	msee10@me.com
Brown, Tara (Liaison)	tbrown@edinamn.gov
Casella, Casey (City Fellow)	ccasella@edinamn.gov

City of Edina
Energy & Environment Commission

Parking Lot Ideas

- Increase street sweeping, water quality improvements, and conservation actions
- Education and outreach events
- Enhanced tree ordinance
- City owned building energy efficiency
- Partnering with other cities on resident outreach and congregation outreach

T 2019 EEC Work Plan Timeline and Event Calendar

	Events	Items of Focus	Presentations	Initiative 1: Organics	Initiative 2: Business Recognition Program	Initiative 3: Energy Benchmarking Policy	Initiative 4: Pollinator Resolution	Initiative 5: Climate Action Plan
Cmsr Lead				MS	MH	CJ	MH	LS
MAR	- EEC meeting (3/14) - Benchmarking Stakeholder meetings (3/26)		- Better Together site (MJ)					
APR	- Benchmarking Stakeholder meetings (4/10) - EEC meeting (4/11) - Enviro Commission Conf (4/13) - City Council Work Session (4/16) - All Chair Annual Meeting (4/30)	- City Council Work Session prep - Benchmarking						
MAY	- EEC meeting (5/9)	- Fourth of July Prep	- Annual Water Resources Report			To Council		
JUNE	- EEC meeting (6/13)							
JULY	- EEC meeting (7/11) Fourth of July Parade		Mow to Natural Habitat Tom Swenson				Report to EEC	
AUG	- EEC meeting (8/8)	- Work plan discussion - Strategy offsite?						Report to EEC
SEP	- EEC meeting (9/12) - Work Plan due - Open Streets	- Work Plan approval						
OCT	- EEC meeting (10/10) -Chair present Work Plan to Council							
NOV	- EEC meeting (11/7)	Review May Term Opportunities for Student	Energy Efficiency in City Facilities					
DEC	- EEC meeting (12/12)							
			Green shaded area denotes staff availability					

Other Items:

- 2nd Environment Commission Conference (4/13 from 9:00 to 2:00)- Request for speakers and topics like working with students
- Green Building Policy