
CITY OF MILPITAS
ENERGY & ENVIRONMENTAL SUSTAINABILITY COMMISSION MEETING
SPECIAL MEETING – APRIL 17, 2019, 6:00 P.M.
CITY HALL 1ST FLOOR COMMITTEE CONFERENCE ROOM
455 E. CALAVERAS BLVD, MILPITAS CA 95035

- I. ROLL CALL**
- II. PLEDGE OF ALLEGIANCE**
- III. SEATING OF ALTERNATES**
- IV. APPROVAL OF THE MINUTES OF THE MARCH 20, 2019 ENERGY AND ENVIRONMENTAL SUSTAINABILITY (EES) COMMISSION MEETING**
- V. PUBLIC FORUM**

Members of the audience are invited to address the Energy and Environmental Sustainability Advisory Commission on any subject not on tonight's agenda. Speakers must state their name and address for the Secretary's record, and limit their remarks to under three minutes. As an item not on the agenda, no response is required of City staff or the Commission; however, the Commission may place the item on the agenda for a future meeting.

- VI. ANNOUNCEMENTS**
- VII. COUNCIL LIAISON REPORT**
- VIII. APPROVAL OF AGENDA**
- IX. NEW BUSINESS**
 - 1. GREEN INFRASTRUCTURE PLAN**
- XI. FUTURE AGENDA ITEMS**
- XII. ESTABLISH NEXT MEETING DATE**
- XIII. ADJOURNMENT**

AGENDA INFORMATION

Copies of the agenda and supplemental documents relating to specific agenda items are available in the Public Works Department offices at 1265 N Milpitas Blvd. on Friday preceding a regularly scheduled meeting of the Energy and Environmental Sustainability Commission (third Wednesday of the month). A copy of the agenda is also available for review at the Milpitas Library. **A recorded agenda or minutes on standard cassette or printed in large type will be provided upon request to the Public Works Department for the visually impaired.** Additional information may be obtained from the Public Works Department, City of Milpitas, 1265 N Milpitas Blvd., Milpitas, CA 95035, (408) 586-2600 or e-mail at emarshall@ci.milpitas.ca.gov.

In compliance with the Americans with Disabilities Act, individuals requiring accommodation for this meeting should notify the Public Works Department 48 hours prior to the meeting at (408) 586-2600.

IX. NEW BUSINESS

1. GREEN STORMWATER INFRASTRUCTURE PLAN

BACKGROUND: The City of Milpitas is subject to the requirements of the Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Permit for Phase I municipalities and agencies in the San Francisco Bay area (Order R2-2015-0049), also known as the Municipal Regional Permit (MRP), the current Order became effective on January 1, 2016. The MRP applies to 76 large, medium and small municipalities (cities, towns and counties) and flood control agencies that discharge stormwater to San Francisco Bay, collectively referred to as Permittees.

Over the last 13 years, under the MRP and previous permits, new development and redevelopment projects on public and private property that exceed certain size thresholds (“Regulated Projects”) have been required to mitigate impacts on water quality by incorporating site design, pollutant source control, Low Impact Development (LID) stormwater treatment measures, and flow control measures as appropriate. A new section of the MRP requires Permittees to develop and implement long-term Green Stormwater Infrastructure (GSI) Plans for the inclusion of LID measures in storm drain infrastructure on public and private lands, including public streets, roads, parking lots, building roofs, and other elements. LID measures mimic nature and reduce stormwater runoff by minimizing impervious cover, and allow for infiltration, storage, and/or treatment of stormwater runoff through natural processes. These measures reduce the quantity of runoff and pollutants flowing into storm drains and local creeks.

To meet MRP requirements, the GSI Plan will contain the following mandatory elements:

- **Project Identification and Prioritization Mechanism:** The GSI Plan will describe the mechanism by which the City will identify, prioritize and map areas for potential and planned projects that incorporate green stormwater infrastructure components in different drainage areas within the City. These include public and private projects that may be implemented over the long term, with milestones for implementation by 2020, 2030 and 2040. The mechanism will include the criteria for prioritization and outputs that can be incorporated into the City’s long term planning and capital improvement processes.
- **Prioritized Project Locations and Timeframes:** The GSI Plan will contain outputs resulting from the identification and prioritization mechanism, to include lists and maps of prioritized projects and timeframes for implementation.
- **Targets for Impervious Surfaces Retrofitted** – The GSI Plan will estimate the amount of impervious surfaces, both public and private, that will be retrofitted with GSI by 2020, 2030 and 2040.
- **Completed Project Tracking System:** The GSI Plan will describe the process for tracking and mapping completed public and private projects and making the information available to the public.
- **Guidelines and Specifications:** The GSI Plan will include general design and construction guidelines, standard specifications and details for incorporating green stormwater infrastructure components into projects within the City.
- **Integration with Other Plans:** The GSI Plan will describe how existing City planning documents would be updated or modified, if needed, to support and incorporate green stormwater infrastructure requirements. If any necessary updates or modifications have not been accomplished by the completion of the GSI Plan, it will include a work plan and schedule to complete them.

- **Evaluation of Funding Options:** The GSI Plan will include an evaluation of funding options for design, construction, and long term maintenance of prioritized green stormwater infrastructure projects, considering local, state and federal funding sources.

The GSI Plan must be completed and submitted to the Regional Water Quality Control Board (Water Board) by September 30, 2019.

As part of the GSI planning process, the City prepared a GSI Plan Framework (Framework), a work plan describing the goals, approach, tasks, and schedule needed to complete the GSI Plan. Development of the Framework was a requirement of the MRP. The City completed the Framework and was approved by City Council on June 6, 2017. The Framework was submitted to the Water Board on September 30, 2017.

The City hired EOA Inc. to develop the GSI Plan for the City. Representatives from EOA Inc. will provide the Energy and Environmental Sustainability Commission an update on development of the GSI Plan.

RECOMMENDATION: Receive report and discuss as needed.

XI. REQUEST FOR FUTURE AGENDA ITEMS

See Attachment 1.

XII. ESTABLISH NEXT MEETING DATE

The next Special Meeting of the Commission is scheduled for May 15, 2019 at 6 pm.

XIII. ADJOURNMENT

KNOW YOUR RIGHTS UNDER THE OPEN GOVERNMENT ORDINANCE

Government's duty is to serve the public, reaching its decisions in full view of the public. Commissions, boards, councils and other agencies of the City exist to conduct the people's business. This ordinance assures that deliberations are conducted before the people and the City operations are open to the people's review.

Materials related to an item on this agenda submitted to the Energy and Environmental Sustainability Commission after initial distribution of the agenda packet are available for public inspection at the Public Works Department at 1265 N. Milpitas Blvd., Milpitas during normal business hours.

For more information on your rights under the Open Government Ordinance or to report a violation of the ordinance, contact the City Attorney's office at Milpitas City Hall,
455 E. Calaveras Blvd, Milpitas, CA 95035 Phone : 408-586-3040
E-mail: cdiaz@ci.milpitas.ca.gov

The Open Government Ordinance is codified in the Milpitas Municipal Code as Title I Chapter 310 and is available online at the City's website www.ci.milpitas.ca.gov by selecting the Milpitas Municipal Code link.

MINUTES

CITY OF MILPITAS ENERGY & ENVIRONMENTAL SUSTAINABILITY COMMISSION

Minutes: Special Meeting of the Energy & Environmental Sustainability Commission
Meeting Date: March 20, 2019
Meeting Time: 6:00 PM
Meeting Place: Milpitas City Hall, Commission Meeting Room

I. ROLL CALL Staff called the Energy and Environmental Sustainability Commission to order at 6:02 PM Commissioners Martinez, Arthur, Salian, Sexton, and Alternate Commissioner Liu and staff members Marshall and Phagan were present. Public Works Director Tony Ndah was also present. Commissioner Kong arrived late.

II. PLEDGE OF ALLEGIANCE

III. SEATING OF ALTERNATES
Alternate Commissioner Liu was seated.

IV. APPROVAL OF THE MINUTES OF THE FEBRUARY 20, 2019 ENERGY AND ENVIRONMENTAL SUSTAINABILITY (EES) COMMISSION MEETING
Motion to approve the minutes of the February, 2019 meeting.
M/S: Arthur/Sexton Ayes: All

V. PUBLIC FORUM
Members of the audience are invited to address the Energy and Environmental Sustainability Advisory Commission on any subject not on tonight's agenda. Speakers must state their name and address for the Secretary's record, and limit their remarks to under three minutes. As an item not on the agenda, no response is required of City staff or the Commission; however, the Commission may place the item on the agenda for a future meeting.

Bruce Karnay of 833 Bush St., Mountain View, CA spoke as an environmental activist and member of the Climate Reality Project. Mr. Karnay requested that the City of Milpitas perform annual greenhouse gas (GHG) emission studies. Milpitas has not conducted a GHG emissions inventory since 2005. He mentioned that the cities of Mountain View, Sunnyvale, and San Jose are working to perform annual GHG emission studies.

VI. ANNOUNCEMENTS
Staff Marshall announced that the City of Milpitas will be hosting an Earth Day event on Saturday, April 20 from noon to 4 PM at the Milpitas Public Library.
Staff Marshall announced that the Public Works Department is looking for volunteers to participate in the triennial lead and copper sampling of household water laterals.

VII. COUNCIL LIAISON REPORT
No report.

VIII. APPROVAL OF AGENDA
Motion to approve the agenda as submitted.
M/S: Arthur/Sexton Ayes: All

IX. NEW BUSINESS

1. *Bay Area Regional Energy Network Energy Efficiency Program presentation*

Jenny Berg from ABAG/MTC presented on behalf of BayREN. BayREN is a collaboration of the 9 counties that make up the San Francisco Bay Area. Led by the Association of Bay Area Governments (ABAG), BayREN implements effective energy saving programs on a regional level and draws on the expertise, experience, and proven track record of Bay Area local governments to develop and administer successful climate, resource, and sustainability programs. Santa Clara County Office of Sustainability is a member of the Bay Area Regional Energy Network and administers programs countywide including programs targeting Milpitas residents and businesses. Ms. Berg provided an overview of the programs that are available, participation rates, and an update on their outreach and education efforts.

2. *HomeIntel Program*

Lisa Schmidt presented on the HomeIntel program. HomeIntel is free program available to PG&E customers which offers online energy analysis based smart meter data and customized energy efficiency recommendations based on a home's energy profile.

3. *Property Assessed Clean Energy (PACE) program update*

Staff Marshall presented an update on the PACE program. In December 2017, Council approved 3 providers of the PACE program to be sponsored by the City. Those companies are: HERO- Renovate America, PACE Funding, and Y-Green. The PACE program is undergoing changes due to legislation relating licensing and consumer protection. Staff is reaching out to the PACE program providers for information on participation rates.

XI. FUTURE AGENDA ITEMS

Milpitas Sanitation update planned for the April meeting has been deferred due to staffing changes in Engineering. The Green Stormwater Infrastructure Plan update is scheduled to occur at the next meeting (April).

XII. ESTABLISH NEXT MEETING DATE

The next meeting of the Commission is scheduled for April 17, 2019 at 6 PM.

XIII. ADJOURNMENT

The meeting of March 20, 2019 concluded at 7:05 PM.

M/S: Salian/Sexton

Ayes: All

Attachment 1

*City of Milpitas
Energy and Environmental Sustainability Commission
Work Plan 2019*

The Energy and Environmental Sustainability Commission advises the City Council on matters pertaining to sustainability, climate action, recycling, and waste diversion.

Month	Issue/Agenda Topic
January	• Milpitas Climate Action Plan Overview and Status • State Plastic Straw Ban – Implementation Discussion
February	• Silicon Valley Clean Energy
March	• Recycling and Garbage Services Update including MSI Update on Residential Customer Billing (deferred) • Energy Efficiency Programs
April	• Green Stormwater Infrastructure Plan
May	• Water Supply and Water Conservation • Odor Update
June	• State Plastic Straw Ban – Implementation Update • Sustainability Opportunities for City Operations/Facilities
July	NO MEETING
August	• Street Sweeping Service Options • Climate Action Plan Update • Odor Update
September	• Trail and Bikeway Master Plan
October	• Recycling and Garbage Services Update including Annual Rate Adjustment
November	• Odor Update
December	• TBD

**Odor Updates are scheduled for the month following a South Bay Odor Stakeholders Group meeting.*