



CITY OF MILPITAS

Energy and Environmental Sustainability Commission

MEETING MINUTES

6:00 p.m.
Wednesday, May 19, 2021

Meeting livestreamed can be viewed at:

Facebook: <https://www.facebook.com/CityofMilpitas>

YouTube: <https://www.ci.milpitas.ca.gov/youtube>

Web Streaming: <https://www.ci.milpitas.ca.gov/webstreaming>

CALL TO ORDER	Commissioner Sexton called the meetings to order at 6:00 PM. Staff Marshall called the roll.
ROLL CALL	PRESENT: Commissioners Sexton, Kong, Lingle, Martinez, Salian, Shreve, Alternate Commissioner Admana, Public Works Director Ndah, Councilmember Chua, and staff members Grand, Siddiqui, and Marshall were also present. ABSENT: Commissioner Badesha
PLEDGE of ALLEGIANCE	Commissioner Sexton led the pledge of allegiance.
ALTERNATE SEATING	Alternate Commissioner Admana was seated.
APPROVAL OF AGENDA	Motion to approve the agenda for May 19, 2021 as submitted Motion/Second: Lingle/Kong Motion carried by a vote of AYES: 7 NOES: 0
APPROVAL OF MINUTES	Motion to approve the minutes for April 21, 2021 as submitted. Motion/Second: Salian/Kong Motion carried by a vote of AYES: 7 NOES: 0
PUBLIC FORUM	No public comments.
ANNOUNCEMENTS	Commissioner Sexton enjoyed participating in the National River Cleanup and encourages others to participate for the last weekend in May.
BUSINESS ITEMS	a. Urban Water Management Plan The California Department of Water Resources requires urban water suppliers to prepare an Urban Water Management Plan (UWMP) every five years. These plans support the suppliers' long-term resource planning to ensure that adequate water supplies are available to meet existing and future water needs of the community. Within UWMPs, urban water suppliers must: • Assess the reliability of water sources over a 20-year planning time frame • Describe demand management measures and water shortage contingency plans

- Report progress toward meeting a targeted 20 percent reduction in per-capita (per-person) urban water consumption by the year 2020
- Discuss the use and planned use of recycled water

City staff have been working with a technical consultant to prepare the 2020 Urban Water Management Plan for the City of Milpitas' water system in accordance with guidance provided by DWR. Staff provided a brief overview of the draft UWMP and the draft water shortage contingency plan.

Commissioners asked clarifying questions.

Commissioner Lingle asked what water shortage stage the City is currently in. Staff Grand responded that the City is currently in Stage 0, "Normal Conditions." The City's wholesalers San Francisco Public Utilities Commission (SFPUC), and Valley Water are asking residents to voluntarily conserve water by reducing outdoor irrigation this summer.

Commissioner Lingle asked for an update on converting parks to recycled water. Staff Siddiqui responded that some parks have been converted where recycled water is available. The City purchases recycled water from the City of San Jose's South Bay Water Recycling Program (SBWR); currently, they are updating their master plan, which will contain information on how much recycled water the Milpitas can purchase in future years. The City also faces feasibility and cost challenges with expanding recycled water infrastructure. Staff will report back to the Commission on how many parks are currently connected to recycled water.

Commissioner Salian asked if the City has looked into alternate water supplies, such as installing a desalination plant. Staff Siddiqui responded that the City is looking into expanding the water portfolio with groundwater wells and that the City's Draft Water Master Plan evaluates future supply and storage needed to keep with the growing population. Desalination would be too large and costly of a project for the City to undertake.

Commissioner Kong asked what new construction codes the City has or is considering to reduce water use. Staff Siddiqui responded that the State's plumbing code requires low water use fixtures. In addition, the State requires the City to have a Landscape Ordinance which ensures that new landscapes reduce water use by using drip irrigation and other methods. The City also has a permanent water waste ordinance that requires new large developments to use recycled water for irrigation if it is available.

Councilmember Chua asked if the City partners with Valley Water to increase rebate amounts. Staff Marshall responded that yes, the City cost-shares with Valley Water and Milpitas residents receive increased rebate amounts if they participate in the landscape rebate program.

b. Climate Action Plan Update

As part of the City's Climate Action Plan Update (CAP Update) effort, the City is developing a Community Preparedness and Resiliency Plan (Resiliency Plan) that will serve to identify the primary and secondary physical impacts of climate change that will most directly affect the City and include a set of adaptation strategies to improve resiliency. The first

portion of the Resiliency Plan includes a climate change vulnerability assessment and serves to inform development of adaptation strategies by analyzing the City's exposure to existing hazards, sensitivity to these hazards, potential climate-related impacts from these hazards, and the City's existing capacity to prepare and adapt for these impacts, known as adaptive capacity. The second portion of the Resiliency Plan includes a set of adaptation strategies to reduce the impacts from climate-related hazards and increase the City's overall resilience to climate change. An Executive Summary is included as Attachment 1 and serves to highlight results of the vulnerability assessment portion of the Resiliency Plan. Representatives of the project team provided a presentation on the vulnerability assessment and review some of the proposed high-level strategies.

The City is expected to experience an increase in length and frequency of extreme heat events and more intense rain events. The City's sea level rise risk is low, but there could be some flooding impacts in the future.

Commissioners discussed and asked clarifying questions.

Commissioner Sexton mentioned that stormwater, flood, and energy impacts are the City's biggest vulnerabilities. Commissioner Lingle agreed and said that extreme heat, fires, and power outages are also a big concern for resident safety. Commissioner Lingle would like to see the power grid be more resilient to these impacts. Commissioner Kong would like the City to evaluate shelter capacity and assistance that can be provided for vulnerable residents during extreme heat events.

Commissioner Sexton suggested would like the City to provide resources and tips to the community on actions they can take to reduce heatwave impacts, such as painting their roofs lighter colors.

Commissioner Lingle would like to get local businesses involved to help develop new climate change adaptation and mitigation strategies.

There will be a second public workshop on the Vulnerability Assessment, and the City is collecting feedback to help shape the Climate Action Plan through surveys that can be found on the Climate Dashboard, <https://www.climateactionmilpitas.org/home>

LIAISON REPORT

Councilmember Chua reported that the City is getting 16.9 million dollars in American Rescue Plan Act (ARPA) funding that can be used for various uses over the next four years. Councilmember Chua would like to see the funding used for Accessory Dwelling Units (ADUs), financial help for restaurants and stores, additional City interns and more. Councilmember Chua asked Commissioners to share ideas on how the City can use ARPA funds to help mitigate and adapt to climate change impacts. Commissioners can email Staff Marshall with any ideas relating to how to utilize these funds.

ADJOURNMENT

Commissioner Sexton adjourned the meeting at 7:50 PM.