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TO: Sean Ballantine
FROM: Michelle Peters, Shelley Sullivan
DATE: 10/10/23
SUBJECT: Madison Heights Environmental Citizens Committee Update
CC: Melissa Marsh, Adam Owczarzak

Assessment Task Updates

- The Sustainable practices assessment is complete
 - The results of the report and the Michigan Green Communities participation logs are being used to determine an action plan for 2024
- The City's energy usage data from 2022 has been compiled and a baseline report has been drafted
 - Energy Sciences and the City are finalizing the report using a method to estimate the typical energy consumption of Fire Station 2, which was taken offline in September 2022
- The Capital Improvement Plan and City budget have been analyzed, and initiatives have been incorporated into the first draft of the 2024 Action Plan, which is a component of the sustainability Plan

Development Task Updates

- The City has determined, with the guidance of Energy Sciences, that the Mater Sustainability Plan will be holistic and include three fundamentals of sustainability: social, economic, and environmental
- Focus areas for the 2024 Action Plan have been proposed by Energy Sciences to the City and are being reviewed

Other Updates

- During the development of the plan, Energy Sciences found a grant opportunity for the City through the US Department of Energy, the Energy Futures Grant
 - The grant is specifically for local, state, and tribal governments to develop a plan that will help expand access to the benefits of clean energy solutions in the power, transportation, and building sectors
 - Madison Heights is leading a joint application with the Lamphere School District, Ferndale, and Oak Park on the application
 - The application title is: Evolve: A Regional Mobility Transformation and Decarbonization Plan for Southeast Oakland County

- The application has three goals which cut across the transportation and building sectors and need to be considered together to create an effective plan
 - Mobility and Fleet Transformation: Prepare and plan for the electric transition of the municipal fleet, community EV adoption, mobility solutions for the community
 - Operational Facility Baseline and Optimization: The team will determine a common approach to measure and monitor GHG emissions, set a baseline, and develop plans for their jurisdictions to improve facility performance with the goal of a path to NetZero
 - Regional Decarbonization: engage the community at each step of the process, providing the opportunity for them to give feedback and receive updates; together, the team will use the goals and targets from their individual jurisdictional plans to create a regional decarbonization plan with its own goal and incremental targets
- The plan will have a beneficial impact on the city and the region by improving air quality by reducing pollution associated with GHG emissions, reducing the operating expenditures of the city by saving energy and improving facility performance, and creating economic opportunity from the resulting jobs, which the implementation of the plan would create
- The application will be submitted to the DOE by the due date of 11/10/24, and the City will know if our application has been selected by 1/30/24
 - 50 applicant teams will be selected for \$500,000 in planning funds and the opportunity to be selected for one of 10 \$1M grants for implementation

Next Steps

- Submit EFG Grant Application
- Finalize the 2022 Baseline Report
- Finalize focus areas for 2024
- Begin Sustainability Plan Document Development



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Adjusted Timelines – Revised based on the shift to applying for the EFG

Task/ Objective	Task/ Objective Details	Projected Timeline	Progress to Completion (%)
Assessment of Current Practices	<ul style="list-style-type: none">• Determine strategic priorities or focus areas• Analyze and assess energy baseline information and determine the performance metrics to measure against• Review short and long-term capital planning	June 2023 – October 2023	88%
Development of Plan Document	<ul style="list-style-type: none">• Setting sensible goals for each of the priorities or focus areas• Explore actions to be taken to support priorities or focus areas• Drafting and finalizing of plan documents	August 2023 – November 2023	27%
Communication of Results	<ul style="list-style-type: none">• Monthly energy tracking and reporting for all City-owned buildings• Logging and updating City-owned building energy usage in Energy Star Portfolio Manager• Assistance from Energy Sciences with reporting to EGLE and ECC	June 2023 – December 2023	45%