



Board of County Commissioners - Staff Report

Meeting Date: June 19th, 2018

Presenter: Lauren Long

Submitting Dept: General Services

Subject: EMP Request for Emissions Inventory Project

Statement / Purpose: Consideration of appropriating funds at the request of Yellowstone-Teton Clean Cities in the amount of \$7,500 from the Teton County Energy Mitigation Fund for an updated emissions inventory project.

Background / Description (Pros & Cons): An updated emissions inventory is necessary to track the impact that our town and visitors are having on the surrounding ecosystem. It is important to reexamine these numbers to help direct funding and future projects. The latest report was completed in 2008 and results helped to inform the 10X10 initiative, 40x20 initiative, the Teton County Internal Sustainability Plan, and were integral to the creation of the Energy Conservation Works Joint Powers Board. In 2008, it was determined that 80% of our greenhouse gas emissions were attributed to transportation. Without an inventory of our current status and progress in the past 10 years, it is impossible to know which industries emissions generating sources need to be focused on the most.

Yellowstone-Teton Clean Cities will be partnering with Energy Conservation Works to commission an updated emissions inventory by Richard Heede of Climate Mitigation Services. Richard completed the study 10 years ago in 2008, commissioned by the Community Foundation of Jackson Hole and funded by 1% for the Tetons. Having him do the study again will ensure the methodologies correspond, and thus any comparison between 2008 and 2018 will be accurate. As part of his work on this project, he will train Yellowstone-Teton Clean Cities staff on how to complete the assessment. This will be important moving forward, as staff will have the knowledge to complete the study and update the inventory internally. Once trained, the county can contract YTCC as needed at a much lower cost to do future updates. YTCC is uniquely positioned to do this work as a completely unbiased program of the Department of Energy(DOE) that has support from numerous national labs and DOE staff.

Matching funds for the study are contributed by the Community Foundation, as well as various community organizations that feel this update is important. Results of the study will be communicated to the citizens of Teton County through the Sustainability Series. We will use this opportunity to educate the public on the impact our town and visitors are having. Yellowstone-Teton Clean Cities and Energy Conservation Works are also partners on an existing grant with Inversion Labs, LLC to do air quality monitoring in Teton County. The information received from that study, combined with this study will give a comprehensive overview of the community’s current emissions situation.

Stakeholder Analysis & Involvement: Teton County will benefit from an updated emissions inventory report and be able to utilize the information in accomplishing goals in the sustainably plan. Teton County and Town of Jackson operations-based emissions account for 32% of the line items in the inventory. Results will provide greater context to local efforts that support the Ecosystem Stewardship goals of the shared Comprehensive Plan and further inform the annual indicators report.

Fiscal Impact: The Energy Mitigation Fund currently has a balance of \$523,986 available for funding to energy mitigation projects.

FY18 EMP Fund Balance	
Beginning Balance as of 4/2018	\$5,333,027
Less P&B Refundable Amount	(\$3,743,463)
Less Committed EMP Funds	(\$1,065,587)
EMP Balance	\$523,986
Less Current EMP Request	(\$7,500)
Final Balance	\$516,486



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Staff Impact: Staff will work with YTCC to ensure the report is completed as contracted. Staff will also ensure data regarding County specific buildings is received to ensure information is used in carrying out the goals of the Internal Sustainability Plan.

Legal Review: Gingery

Staff Input / Recommendation: The County Commissioners’ Administrator and Director of General Services recommends approval with some reservations specific to the amount of funding requested of the County, which is significantly higher than that requested of other contributors

Attachments: EMP Request Project Budget

Suggested Motion: *I move to approve Yellowstone-Teton Clean Cities request for Energy Mitigation Funds in the amount of \$7,500 for an emissions inventory project.*

Community Foundation of Jackson Hole Competitive Grants Project Budget Form

INCOME	
Community Foundation Competitive Grant Request Amount	\$7,500.00
Teton County EMP Funds (Request)	\$7,500.00
Community Organization Contributions	
Friends of Pathways	\$1,500.00
Teton Conservation District	\$2,500.00
Creative Energies	\$500.00
High Country Linens	\$1,000.00
Energy Conservation Works (pending)	\$2,000.00
Contributions:	\$7,500.00
Total Income	\$22,500.00
EXPENSES	
Climate Mitigation Services (Richard Heede)	\$18,000.00
YTCC Staff Time	\$4,500.00
Total Expense	\$22,500.00
NET:	\$0.00