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**Boulder County Office of Sustainability, Climate Action & Resilience**

**1325 Pearl Street, Boulder CO 80302**

**Environmental Sustainability Matching Grant Application for 2022 funding**

**PROJECT DETAILS FORM**

Please submit your application [online here](https://www.bouldercounty.org/environment/sustainability/matching-grant-program/#form) by Tuesday, Nov. 16, 2021 at 5 p.m. Before filling out the application, please read the [Grant Program Request For Funding](https://assets.bouldercounty.org/wp-content/uploads/2021/10/Sustainability-Matching-Grants_RFF-2022-funding.pdf) on the program website.

The application consists of: 1) Application Summary Form; and 2) Project Details Form. If you haven’t yet downloaded, completed, and saved the Application Summary Form, please start there. Then, download and complete a separate Project Details Form for each category you’re applying for. Attach the Project Details Form(s) to your online application before submission.

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| **Municipality Name:** **Town of Jamestown** | **Tax ID#: 84-1104632** |
| **Project Title: Jamestown Agriculture- Expansion of Community Ditch** |
| **Category of your Project: Local Food and Agriculture**  |

**Project Design, Logistics and Timeline:** Please answer the following questions to describe the project you would like to implement using the requested funds. If you are requesting funding for more than one category, please complete this Project Form for EACH category and limit this form to no more than 3 pages per category.

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| 1. Scope and description of project:

**The historic Jamestown Community Ditch is presently being restored. This (2022) project will enhance the capacity of the ditch and allow expansion to additional residents. Elements of the project:*** Administrative:
* Conference with Town Water Attorney to ensure compliance with Water Decree.
* Contract with hydrologist/water engineer re sizing pipe and needed materials to ensure flow to additional residents.
* Materials, Pipe, culverts, valves, Parshall flume flow measuring device.
* Contracted Labor
* Volunteer Labor
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| 1. Expected Outcomes of the project:

Please include how you will measure the quantitative and qualitative success of this project, including expected outcomes, metrics, and deliverables. Using modern materials (e.g. plastic flexible pipe) we can reach places and residents that could not be reached in the 19th century. This also allows us to prevent leaks and water loss that will make the community ditch much more efficient. There is more available science today as well. Too much water and the ditch overflows. Not enough and we do not reach all of the irrigated gardens. The increase in participants will continue after the project is completed as neighbors realize the economy of non-potable water for gardens. |
| 1. Timeline of the project:

Keep in mind that awardees are expected to complete the proposed project within a 12-month timeframe.First Quarter 2022 – consult with attorney and engineer. Order pipe, culverts and hardware.Second Quarter 2022 – as soon as the creek thaws, we can begin installing and testing sections.Third Quarter 2022- continue installing and testing sections of the ditchFourth Quarter 2022 - use any residual funding to purchase and install Parrshall Flume measurement device. |
| 1. Committed Departments, Advisory Committees, and Community Partners necessary for the success of the project:

The project has the support of the Town Board of trustees per Resolution 09-15, 2021 dated September 7, 2021 and attached to our application.This application is supported by the Jamestown Sustainability Committee. |
| 1. What actions have already been completed to ensure the success of your project? These actions may include planning, design, coordination with departments and other stakeholders, community engagement to collect input and support, any code approvals or other city processes, etc.

Present restoration of the original ditch is underway. The ditch received a new engineered head gate in 2019 and the head gate, valves and initial piping is now married to that part of the ditch not damaged in the 2013 flood.This project has generated and logged over 50 community volunteer hours to date.  |
| 1. Any other project details and pertinent information about why your project should be considered for Boulder County funding:

The Jamestown Community Ditch, dug in the latter part of the 19th century was originally the source for water for residents living on the north side of James Creek. Once restored, it will provide non potable water to gardens that now use potable water for gardening and reducing stress on the municipal water system during periods of drought.Increased capacity will potentially allow for service to almost any residence located on or below Mesa Street. The Community Ditch will run without the use of electricity as long as there is water in James Creek and the valves are working. All mechanical and gravity fed. Proposed Scope and Budget:Administrative; Legal $ 600.Administrative: Engineering 1,000.Culverts, pipe, valves flumes: $4,500.Contracted Labor 2,040. Total $8,140. |
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**Project Budget:**

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| **Project Title** | **Amount of Grant Funding Requested** | **Amount of Municipal Match** |
| **Jamestown Agriculture- Expansion of Community Ditch**  | **$8,140.00** | **67.2 Volunteer Hours @ $30.31****$2,035.00** |

Please contact Lea Yancey at lyancey@bouldercounty.orgwith questions.