

GRTF-FY21 Fall

FY21 Fall Application for Funding (Returning Applicants)

Gallatin River Task Force

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Application Form

Guidelines & Applications Tips

UPDATING INFORMATION FROM SPRING:

You will NOT need to retype your responses from the Spring application. Use the "Copy Answers" button at the top of the page to transfer your responses from the FY21 Spring application (submitted in April 2020) to this Application. You can make changes to any of your responses that need updating. If a response has not changed there is no need to update the response

NEW QUESTIONS:

★ Questions that were not asked on the Spring Application and are new to the Fall Cycle are indicated with a gold star

REQUIRED VS OPTIONAL QUESTIONS:

- All required questions are marked with an *asterisk* and must be answered in order to submit the application
- All optional questions have no notation and are not required in order to submit the application. But if an optional question applies to you, please provide an answer.

GUIDELINES:

- Please direct questions or concerns to Jenny Muscat, Operations Manager, at Jenny@ResortTax.Org or 406-995-3234
- Please only provide the information requested within this application
 - Supplemental materials will not be accepted
- Blackmail or bribery of staff or board members is strictly prohibited and will result in disqualification
- Please proofread your application for grammar and validate your data prior to submission
- Avoid organizational jargon and use layman's terms to minimize follow up questions
- You may SAVE the application at any time and return to it
- Final submission happens upon clicking 'SUBMIT'
- **The deadline for applications is Wednesday, September 30 @ 11:59 pm (Mountain Time)**

Organization/Background Information

INSTRUCTIONS:

Please verify and update any information that has changed since you applied for the FY21 Spring Cycle.

Request Title*

Please **update** with your "'Organization Acronym"-FY21 Fall'. For example: *BSRAD-FY21 Fall*

GRTF-FY21 Fall

Number of Projects/Programs*

How many projects/programs are you requesting Resort Tax funds for in the Fall cycle?

- If you are requesting funds for **FEWER** projects than in the spring keep the number of projects the same as it was in the spring and in the corresponding project question section(s) enter \$0 for the amount requested **and** provide an explanation about why this project is no longer taking place
- If you are requesting funds for the **SAME** number of projects as the spring keep the number of projects the same and update/verify each project question section accordingly
- If you are requesting funds for **MORE** projects than in the spring enter the new (higher) number here and fill in the additional project question section accordingly
 - The maximum number of projects you may request funds for is 6

6

For applicants with multiple projects please note that the application will expand and create additional project/program information sections for each project you are requesting funding for based upon the number entered above. Please enter your projects in order of highest to lowest priority as you complete the application.

Funds Not Awarded*

★ How would your projects/programs be affected if Resort Tax funding were not awarded?

If resort tax funding were not awarded, our projects/programs at minimum would stall as we recalibrate to secure other funding to fill the gap. Worst case scenario would be that our projects/programs discontinue.

Total Funds Requested FY21 Fall*

★ What is the total amount of funds your organization is requesting for all projects/programs for this cycle (1/1/21-30-21):

Please ensure that all requests for all projects add up to this total, the form does not calculate a total for you.

\$217,674.00

Additional COVID-19 Funds*

★ Has your organization received any funding from any of the following programs? (Check all that apply)

Paycheck Protection Program (PPP)

COVID-19 Funds Explanation

★ Please explain how the funding received affects your FY21 Fall Resort Tax request:

Provide detail on:

- *What funding was received (sources and amounts)*
- Amount your request to Resort Tax can be reduced (total ask and broken down by project) if applicable
- When funds were received/expected to be received
- Any other important information regarding this additional funding

We received a PPP loan for \$47,234, that covered payroll in FY20 that would not affect our FY21 Resort Tax request. We also received a \$10,000 grant from the State of Montana, funded through federal emergency relief funding through the Coronavirus Aid, Relief, and Economic Security (CARES) Act. This grant helped fill the revenue gap created by the 25% reduction in our operations from the Spring Resort Tax request and does not impact our FY21 Fall request.

COVID-19 Impact*

★ What has the impact of COVID-19 been on your operation and how has this impact affected your Fall Resort Tax request?

Developing our FY21 request, we did so with COVID-19 and community needs in mind, making deep budget cuts, asking for much less than recent previous BSRAD allocations. At the onset of COVID-19, we took a financial and programmatic hit in returning \$47k of our FY20 BSRAD allocation for Big Sky Relief. Due to COVID-19, BSRAD also indicated the need to cut our Spring FY21 request by an additional 25% from our operating costs, resulting in further tightening of budgets and reducing impactful programs/projects. We lost an extra (minimum of) \$72,500 revenue from event sponsorships and grants from local/regional organizations that couldn't support because of COVID-19. Delaying our annual fundraiser to August, reduced planned revenue for FY2020 by \$150,000. We have made up for some revenue loss through COVID-19 relief programs like the PPP loan, which we hope to be a grant. We've been limited in our ability to engage directly with new donors/supporters with events being cancelled or modified, including: fly fishing films, volunteer events, annual fundraisers, and dog waste/river cleanups. Engaging with donors and leaders in person is key to our success and relevancy. COVID-19 restrictions have damaged our ability to increase and expand donations/new donors through in-person events. Unexpectedly, COVID-19 has created more urgency to our project work with large increases in summer resident stays (many becoming full time), increased overall Big Sky resident population, and the emphasis of enjoying the outdoors during the pandemic. While we advocate for sustainable development, local real estate demands and plans may be outpacing the current water and wastewater infrastructure in Big Sky. Such changes are putting enormous pressure on our water resources, water quality and availability; and expedite the need to address threats like: increased erosion/vegetation damage along the Gallatin, surging water withdrawals from groundwater with recent reports of residential well-water dropping, warmer water temperatures, and reduced streamflow. These conditions along with others, have contributed to the Gallatin experiencing its second large scale algae bloom, and if unaddressed by our community, without greater funding from all entities (public and private), could be detrimental to the Gallatin River, our watershed and water supply.

PAYMENT REQUEST SCHEDULE INSTRUCTIONS:

- **Update** your estimated payment request schedule for your entire request for the FY21 Fall Cycle (1/1/21-6/30/21)

- For any month you are NOT requesting funds please enter 0
-

Please note:

- The first-day funds can be requested for the fall cycle is 1/15/21
 - o Funding will not be available until a contract has been signed and the Post Award Follow Up has been completed
- Enter your estimated schedule based on when you plan to request funds from Resort Tax

January 2021 Estimate*

Only for expenses incurred from 1/1-1/15/21 that you plan to request by 1/15/21. DO NOT INCLUDE ANY FUNDS YOU WERE AWARDED IN THE SPRING CYCLE IN THIS AMOUNT.

\$0.00

February 2021 Estimate*

\$29,279.00

March 2021 Estimate*

\$31,779.00

April 2021 Estimate*

\$34,279.00

May 2021 Estimate*

\$36,779.00

June 2021 Estimate*

\$41,779.00

July 2021 Request Total Request*

★ *You may request funds until 7/15/21, for the FY21 Fall cycle for any expenses incurred before 6/30/21.*

\$43,779.00

When projecting future requests, please ensure these numbers are as accurate as possible. While calculating these numbers keep the following in mind:

- Economic Growth
- Staffing Changes
- Changes in Community Needs

Future Funding Request FY22 Spring*

★What is your forecasted Resort Tax request for the FY22 Spring cycle (7/1/21-12/31/21)?

\$350,000.00

Future Funding FY22 Fall*

★What is your forecasted Resort Tax request for the FY22 Fall cycle (1/1/22-6/30/22)?

\$350,000.00

Future Funding Request FY23*

What is your forecasted Resort Tax request for FY23 (7/1/22-6/30/23)?

\$350,000.00

Future Funding Request FY24*

★What is your forecasted Resort Tax request for FY24 (7/1/23-6/30/24)?

\$350,000.00

Project/Program 1 Information

INSTRUCTIONS:

Please verify and update any information that has changed since you applied for the FY21 Spring Cycle.

If this project/program will not be taking place in the Fall cycle enter \$0 in the amount requested text box and provide information about why this project is no longer taking place in the "Additional Information" question later in this section.

Project/Program 1*

Operations

Amount Requested | Project/Program 1*

Update the amount you are requesting for project/program 1 for the Fall cycle (1/1/21-6/30/21):

\$145,674.00

PAYMENT REQUEST SCHEDULE INSTRUCTIONS:

- Enter your estimated payment request schedule for project/program 1 ONLY for the FY21 Fall Cycle (1/1/21-6/30/21)
- For any month you are NOT requesting funds from Resort Tax please enter 0
- Please ensure your monthly request add up to the Amount Requested for this project/program
 - The application does not add up the requests for you

January 2021 Est Project/Program 1*

★ *Only for expenses incurred from 1/1-1/15/21 that you plan to request by 1/15/21. DO NOT INCLUDE ANY FUNDS YOU WERE AWARDED IN THE SPRING CYCLE IN THIS AMOUNT.*

\$0.00

February 2021 Est Project/Program 1*



\$24,279.00

March 2021 Est Project/Program 1*



\$24,279.00

April 2021 Est Project/Program 1*



\$24,279.00

May 2021 Est Project/Program 1*



\$24,279.00

June 2021 Est Project/Program 1*



\$24,279.00

July 2021 Est Project/Program 1*



You may request funds until 7/15/21, for the FY21 Fall cycle for any expenses incurred before 6/30/21.

\$24,279.00

Goals | Project/Program 1

What are the goals of this project/program and how will they be measured?

1. Maintain an active, engaged, and diverse board of directors
2. Recruit, develop, and retain excellent staff
3. Expand volunteer workforce
4. Build and maintain positive relationships with partners, stakeholders, and donors
5. Pursue diverse fundraising strategies and campaigns to achieve our goals and provide for long-term stability
6. Develop and implement annual budgets, fundraising plans, and work plans to implement strategic plan
7. Maintain accurate financial and employee records
8. Expand capacity as needed through the AmeriCorps, interns, and field techs
9. Build structures, policies, and procedures that facilitate effective organizational growth

We have measurable outcomes for each of the above, but not enough space here.

Project/Program 1 Spring Funding*



Was this project/program awarded funds in the FY21 Spring cycle?

If yes, please elaborate in the next question:

Yes

Project/Program 1 Spring Funding Explanation



If applicable, please describe how you met the measurable goals outlined in your Spring application:

Numbers correspond to goals outlined above :

1. We elected a new board chair, Ennion Williams and are actively recruiting 4 additional board members. We have increased our board size to allow for additional leadership and to not overstretch current board members.

2. We quickly replaced an open full-time staff position with a part-time employee and a contractor in order to continue our work and help make up for revenue losses in budget cuts. We also eliminated COLA raises from our budget this fiscal year and restricted benefits while supplementing our new operational handbook with added benefits for time off, etc.

3. With COVID restrictions, it was difficult to expand our volunteer workforce but we did recruit 106 volunteers who worked 938 hours to expand our capacity as needed for water quality monitoring, fly fishing

camp, fundraising event, and river cleanup. We consider this to be an incredible feat in a time where we, as a science based organization--have strictly abided by COVID restrictions.

4. We continue to build and maintain positive relationships with partners, stakeholders, and donors.

5. We have developed a draft strategic plan/business plan and communications plan for moving forward a long-term source of funding to assist with operations and building water supply resiliency. We have rapidly expanded our grant applications to new groups, letters of inquiry(s), and grant research processes to add dozens more opportunities into our potential pipeline of revenue generation. This has included a focus on more national & regional organizations focused on the issues of water conservation & river restoration, and other areas aligned with our work & mission.

6. We developed and began implementing annual budget, fundraising plan, and work plans

7. We have developed and improved systems of financial and employee records that include new credit card processing systems, employee budget racking, and transitioning to digital record management

8. We recruited two AmeriCorps member and one intern to assist with capacity

9. We are in the process of building structures, policies, and procedures that facilitate effect organization growth through restructuring our organizational chart and the staff roles as well as the transitioning from a working board to a governing board.

In addition, our operations were critical to develop additional revenue streams, and plann, and execute all other projects and programs supported by Resort Tax and others.

Project/Program 1 Additional Information*



What additional information would you like to share with the Board regarding this project/program?

We are requesting \$29,000 that was cut from our FY21 Spring Ops request to make up for that loss & align with the community vision of funding our natural environment. Additionally & outside of the scope of most conservation orgs, we advance infrastructure for Big Sky that supports/restores the watershed, tackle issues concerning river recreation, & fill the void on planning/water use issues where a local incorporated municipality would otherwise lead. We don't feel the scope of our work was considered with cuts. We had already sharply cut our initial FY21 request compared to previous years re: COVID. Our FY21 operations request before cut, was 26% less than FY20 & lowest % of our operational budget we have ever requested from BSRAD: 45% vs. 60%+ in years prior. The further 25% cut has harmed planning for and developing crucial programs/projects to address water issues. It's our continued goal to lower requests annually as we find new, sustainable revenue sources beyond BSRAD.

Community Messaging 1*



Please provide a brief (1-2 sentence) description of this project/program for community messaging purposes:

Our operations provide the necessary backbone required to develop and execute projects, programs, and advocacy to protect and enhance ground and surface waters in our community. Without this, our ability to implement projects/programs and make meaningful impact would be exponentially diminished.

Project/Program 2 Information

INSTRUCTIONS:

Please verify and update any information that has changed since you applied for the FY21 Spring Cycle.

If this project/program will not be taking place in the fall cycle enter \$0 in the amount requested text box and provide information about why this project is no longer taking place in the "Additional Information" question later in this section.

Project/Program 2*

Education and Outreach

Amount Requested | Project/Program 2*

Update the amount you are requesting for project/program 2 for the Fall cycle (1/1/21-6/30/21).

\$15,000.00

January 2021 Est Project/Program 2*

★ *Only for expenses incurred from 1/1-1/15/21 that you plan to request by 1/15/21. DO NOT INCLUDE ANY FUNDS YOU WERE AWARDED IN THE SPRING CYCLE IN THIS AMOUNT.*

\$0.00

February 2021 Est Project/Program 2*



\$1,250.00

March 2021 Est Project/Program 2*



\$1,250.00

April 2021 Est Project/Program 2*



\$1,250.00

May 2021 Est Project/Program 2*



\$1,250.00

June 2021 Est Project/Program 2*



\$1,250.00

July 2021 Est Project/Program 2*



You may request funds until 7/15/21, for the FY21 Fall cycle for any expenses incurred before 6/30/21.

\$1,250.00

Goals | Project/Program 2

What are the goals of this project/program and how will they be measured?

Through informative and inspiring communications, the Task Force will grow and educate the next generation of water-resource stewards while advocating for responsible and sustainable community development. We will measure our impact by tracking:

- Growth of membership
- Growth of volunteer participation
- Growth of event attendance
- Growth of newsletter audience
- Growth of social media audience
- Growth of earned media
- Engagement with owned media

Project/Program 2 Spring Funding*



Was this project/program awarded funds in the FY21 Spring cycle?

If yes, please elaborate in the next question:

Yes

Project/Program 2 Spring Funding Explanation



If applicable, please describe how you met the measurable goals outlined in your Spring application:

To meet the goals outlined in our Spring application, we launched a strategic communications plan focused on raising community awareness around water-quality and water-quantity issues, and on our projects and their outcomes. The strategy had a digital focus for better tracking, but also recognized Big Sky's unique market and the need to promote our work locally and in person as much as possible given COVID constraints. We incorporated added flexibility into our community outreach efforts to maintain public safety while still growing our impact. By doing so, we reached more volunteers, cleaned more miles of river, and collected more pounds of trash than in years previous, adapting to the circumstances without compromising our ability to achieve our mission. From a communications perspective, a digital-first strategy maximized our

reach and growth of our audience, even within the challenging social and political landscape of the past six months. Detailed planning increased and expanded our earned media coverage to new outlets, growing our audience efficiently. For example, taking our Hooked on the Gallatin banquet virtual was the only way to plan for success, and adopting a primarily digital promotion strategy allowed us to reach a new audience of donors and supporters, increasing membership and reach into new communities sympathetic to our work. As it currently stands, the Task Force has for the first time, over 200 active Friend of the Gallatin members, with plans to continue outreach to new members over the next 6 months, increasing membership through engagement of new community members that have arrived/become permanent residents. We also launched our new license plate program with the Montana DMV, which will continue to be developed and grown to ensure a minimum of 400 License Plate holders in the state to maintain/keep as a sustaining source of outreach/revenue. We are already nearing 100 plate holders, with only a few months of outreach behind us. Other measurable outcomes include:

Owned Media / Social Media Growth

- Social growth: 25% growth on Facebook; 38% growth on Instagram
- Newsletter growth: 23% growth on Mailchimp
- Blog Growth: 200% increase in publications

Earned Media Reach

- 2 articles in summer issue of Outside Bozeman
- 2 articles per month in EBS
- 2 articles published in Bozeman Daily Chronicle
- New coverage from NBC Montana

Project/Program 2 Additional Information*

★What additional information would you like to share with the Board regarding this project/program?

COVID presented the Task Force with a variety of challenges related to in-person community outreach. The nature of our work is complex, and in-person education is often the best tool for communicating Big Sky's unique water-quality and water-quantity issues. Without that option this summer, we were forced to adapt, as many organizations were. Even with those challenges, we were able to expand the impact of our education and outreach program.

Community Messaging 2*

★Please provide a brief (1-2 sentence) description of this project/program for community messaging purposes:

Our education and outreach program seeks to inform and inspire Big Sky residents and businesses to take proactive steps toward water conservation. Through community events and our online outlets, we are actively developing the next generation of Gallatin River stewards.

Project/Program 3 Information

INSTRUCTIONS:

Please verify and update any information that has changed since you applied for the FY21 Spring Cycle.

If this project/program will not be taking place in the fall cycle enter \$0 in the amount requested text box and provide information about why this project is no longer taking place in the "Additional Information" question later in this section.

Project/Program 3*

Watershed Monitoring

Amount Requested | Project/Program 3*

Update the amount you are requesting for project/program 3 for the Fall cycle (1/1/21-6/30/21):

\$4,000.00

January 2021 Est Project/Program 3*

★ *Only for expenses incurred from 1/1-1/15/21 that you plan to request by 1/15/21. DO NOT INCLUDE ANY FUNDS YOU WERE AWARDED IN THE SPRING CYCLE IN THIS AMOUNT.*

\$0.00

February 2021 Est Project/Program 3*



\$0.00

March 2021 Est Project/Program 3*



\$0.00

April 2021 Est Project/Program 3*



\$0.00

May 2021 Est Project/Program 3*



\$0.00

June 2021 Est Project/Program 3*



\$0.00

July 2021 Est Project/Program 3*



You may request funds until 7/15/21, for the FY21 Fall cycle for any expenses incurred before 6/30/21.

\$4,000.00

Goals | Project/Program 3

What are the goals of this project/program and how will they be measured?

The goals of our FY2021 Watershed Monitoring program are to:

1. Characterize nutrient and algae conditions in the Upper Gallatin and refine drivers of algae growth in the Upper Gallatin (# of accurate algae and nutrient data, annual report summarizing data results and implications)
2. Measure and maintain accurate streamflow and water temperature for five streamflow stations managed by the Task Force and the USGS in the Upper Gallatin.
(# of accurate streamflow and temperature data)
3. Provide organized, accurate data to the Big Sky community as needed (# of partners using our data to improve watershed management in Big Sky)
4. Engage volunteers in the collection and analyses of data (# of volunteers engaged in water monitoring program)

Project/Program 3 Spring Funding*



Was this project/program awarded funds in the FY21 Spring cycle?

If yes, please elaborate in the next question:

No

Project/Program 3 Spring Funding Explanation



If applicable, please describe how you met the measurable goals outlined in your Spring application:

Project/Program 3 Additional Information*



What additional information would you like to share with the Board regarding this project/program?

Spring runoff streamflow measurements are critical to create a rating curve, which is a mathematical relationship between measured streamflow and continuously measured stream height. Special equipment and technical expertise is needed to conduct these measurements during high flow. Our streamflow measurements are used by many diverse entities for water and conservation planning the Big Sky area.

Community Messaging 3*

★ Please provide a brief (1-2 sentence) description of this project/program for community messaging purposes:

Our Watershed Monitoring Program collects water data to guide water management and conservation efforts in the Upper Gallatin watershed.

Project/Program 4 Information

INSTRUCTIONS:

Please verify and update any information that has changed since you applied for the FY21 Spring Cycle.

If this project/program will not be taking place in the fall cycle enter \$0 in the amount requested text box and provide information about why this project is no longer taking place in the "Additional Information" question later in this section.

Project/Program 4*

Watershed Restoration and Enhancement

Amount Requested | Project/Program 4*

Update the amount you are requesting for project/program 4 for the Fall cycle (1/1/21-6/30/21):

\$10,500.00

January 2021 Est Project/Program 4*

★ *Only for expenses incurred from 1/1-1/15/21 that you plan to request by 1/15/21. DO NOT INCLUDE ANY FUNDS YOU WERE AWARDED IN THE SPRING CYCLE IN THIS AMOUNT.*

\$0.00

February 2021 Est Project/Program 4*



\$2,500.00

March 2021 Est Project/Program 4*



\$2,500.00

April 2021 Est Project/Program 4*



\$2,500.00

May 2021 Est Project/Program 4*



\$2,500.00

June 2021 Est Project/Program 4*



\$0.00

July 2021 Est Project/Program 4*



You may request funds until 7/15/21, for the FY21 Fall cycle for any expenses incurred before 6/30/21.

\$500.00

Goals | Project/Program 4

What are the goals of this project/program and how will they be measured?

Upper Deer Creek & Porcupine/Beaver Creek: Goals are to improve ecological health and river access (# acres of improved and protected riparian area, miles of improved trails, # of river access improvements, reduction in sediment delivered to the Gallatin)

Nutrient Abatement Feasibility Studies: Goals are to reduce nutrient loading to the West Fork, mitigate the threat of nuisance algae, and remove nitrogen TMDLs (# lbs nutrient loading reduction, # streams removed from MT DEQ impaired list)

River Cleanup & Runoff Cleanoff: Goals are to reduce trash/pollutants from entering the river system and engage the watershed community in environmental stewardship (# lbs trash/pollutants removed, # of volunteers, miles of rivers improved)

Project/Program 4 Spring Funding*



Was this project/program awarded funds in the FY21 Spring cycle?

If yes, please elaborate in the next question:

Yes

Project/Program 4 Spring Funding Explanation

★ If applicable, please describe how you met the measurable goals outlined in your Spring application:

Nutrient Abatement Feasibility Studies: To date we are under contract and have had a site visit with the contractor, who will develop a design for a wetland treatment system to reduce nutrient loading to the West Fork. Design will be completed this fall with expected measurable outcomes as delineated in Spring application.

Upper Deer Creek & Porcupine/Beaver Creek:

The Upper Deer Creek Project is currently under construction. River access improvements will be completed by the end of October with revegetation of the streamback occurring in Spring 2021. Measurable goals include:

Improved ecosystem structure, function and diversity by protecting aquatic insects, improving fish and wildlife habitat, protecting water quality, and controlling non-native invasive species.

- 1,044 ft of riparian buffer enhancements totaling .6 acres of planting
- .25 acres of invasive species treated (final number TBD spring/summer 2021)
- 4,323 ft (.82 miles) of existing user-created roads and go-downs to be closed/restored/converted:
- 763 ft of restored go-downs
- 839 ft of user created roads converted to designated parking areas
- 2,721 ft of user created roads converted to trails

Improved recreation resource connectivity and preserved recreation and amenity-based economy.

- 1 accessible fishing platform
- 1 designated sustainable river access for rafts
- 1 kayak slab launch
- 1,750 ft accessible gravel trail
- 2 improved parking areas
- Less crowding and user conflicts and reduction in unauthorized use of site (TBD - observations documented via USFS Seasonal River Steward Report)

Enhanced community knowledge and stewardship of water resources

- 1 educational/interpretive sign
- 25-50 volunteers engaged in hands on stewardship activities (final number TBD spring 2021)

The Porcupine/Beaver Creek Project is currently in the design & engineering phase. A wetland delineation will be completed in October 2021 and 35% engineered plans will be completed by April 2021. This project will have similar ecological and recreational benefits as the Upper Deer Creek Project.

River Cleanup: 70+ Task Force volunteers collected 2,260 pounds of trash along 40+ miles of river. Given COVID constraints, we met our goal by adding flexibility to the event, giving volunteers three days to collect trash instead of just three hours. This socially-distant approach yielded a better outcome than previous years and will be incorporated into future plans.

Project/Program 4 Additional Information*

★ What additional information would you like to share with the Board regarding this project/program?

We are currently working on a restoration planning effort with the Forest Service that we will present to the public for input over the winter/early spring. This plan will guide our restoration priorities along the Gallatin corridor for the next ten years. In addition, we are in the process of finalizing an updated and expanded Upper Gallatin Nutrient Reduction plan that will guide our project priorities to address nutrients and mitigate algae blooms. The River Cleanup continues to be one of the most impactful ways to show the need for conservation and environmental protections for the Upper Gallatin Watershed. Volunteers are routinely struck by the volume of trash throughout the upper river corridor, and recent rapid growth has only exacerbated the problem. In the future, multiple cleanups will likely be necessary to keep pace with increased visitation and population growth.

Community Messaging 4*

★ Please provide a brief (1-2 sentence) description of this project/program for community messaging purposes:

Our Watershed Restoration and Enhancement projects repair and protect the Gallatin River and its tributaries from existing or future damage.

Project/Program 5 Information

INSTRUCTIONS:

Please verify and update any information that has changed since you applied for the FY21 Spring Cycle.

If this project/program will not be taking place in the fall cycle enter \$0 in the amount requested text box and provide information about why this project is no longer taking place in the "Additional Information" question later in this section.

Project/Program 5*

Water Supply Resiliency Projects

Amount Requested | Project/Program 5*

Update the amount you are requesting for project/program 5 for the Fall cycle (1/1/21-6/30/21):

\$22,500.00

January 2021 Est Project/Program 5*

★ *Only for expenses incurred from 1/1-1/15/21 that you plan to request by 1/15/21. DO NOT INCLUDE ANY FUNDS YOU WERE AWARDED IN THE SPRING CYCLE IN THIS AMOUNT.*

\$0.00

February 2021 Est Project/Program 5*



\$3,750.00

March 2021 Est Project/Program 5*



\$3,750.00

March 2021 Est Project/Program 5*



\$3,750.00

April 2021 Est Project/Program 5*



\$3,750.00

May 2021 Est Project/Program 5*



\$3,750.00

June 2021 Est Project/Program 5*



\$3,750.00

July 2021 Est Project/Program 5*



You may request funds until 7/15/21, for the FY21 Fall cycle for any expenses incurred before 6/30/21.

\$0.00

Goals | Project/Program 5

What are the goals of this project/program and how will they be measured?

Town Center Purple Pipe Goals: reduce potable water withdrawal from aquifer for irrigation bolstering drinking water supply/streamflow, provide irrigation water and additional reuse options (# gallons saved/provided, additional streamflow)

Water Conservation Goals: reduce per capita water use to build water supply resilience to growth and changing climatic conditions (# program participants, # gallons of water saved per year)

Water Supply Resilience Planning Goals: unify water resource management across Big Sky, model real-time hydrologic conditions, develop a water shortage mitigation and response plan (# of water audits conducted and water supply/demand data collected, web-based hydrologic dashboard, community action plan in place)

Project/Program 5 Spring Funding*

★ Was this project/program awarded funds in the FY21 Spring cycle?

If yes, please elaborate in the next question:

Yes

Project/Program 5 Spring Funding Explanation

★ If applicable, please describe how you met the measurable goals outlined in your Spring application:

Town Center Purple Pipe: 290 linear feet of purple pipe was installed in the town center that once hooked up to the Big Sky Water and Sewer District reuse system will reduce over 5 Million gallons of clean groundwater from being withdrawn for irrigation, add an additional 5 Million gallons of disposal option for treated wastewater effluent for the Big Sky Water and Sewer District, and provide the Big Sky Community Organization with reuse water required for BASE LEED certification.

Water Conservation Program: The Big Sky Water Conservation Program incentivizes community members to engage in practices that save water via indoor and outdoor rebates on water efficient fixtures, free showerhead swap, and Trout-Friendly Landscape Certification.

Current FY21 Metrics (July - September)

- 3 rebate participants (4 toilets installed)
- 3 showerhead swap participants (5 showerheads installed)
- 104,200 gallons of water saved (yearly savings)
- 4 residential Trout-Friendly Certifications
- 1 HOA Trout-Friendly Certification

Water Supply Resilience Planning: The Water Supply Resilience Planning Process will optimize use of Big Sky's limited groundwater and surface water with better monitoring, forecasting, and conservation. Additionally, with 25 public water systems and over 80 water system wells, the planning effort seeks to unify efforts to address water resources for the Upper Gallatin Watershed.

Planning Outcomes to Date:

- 1 water supply survey conducted with Big Sky County Water & Sewer District
- 4 water supply surveys in the process of being conducted (YC, Moonlight, Firelight, Ophir School)

Remaining FY21 Outcomes:

- Hydrologic conditions model (November - December 2020)

- Water Conservation Plan (November - June 2020)
- Development of Water Shortage/Drought Plan (January - June 2020)

Project/Program 5 Additional Information*

★ What additional information would you like to share with the Board regarding this project/program?

- The Upper Gallatin River basin possesses a finite water supply that could be surpassed as the demand for water increases with community growth and predicted climate variability.

With minimal annual precipitation, Big Sky's semi-arid climate relies on snowpack for its water needs.

- According to the 2017 Montana Climate Assessment, Montana's snowpack has declined since the 1930s. Warming temperatures over the next century, especially during spring, are likely to reduce snowpack at mid and low elevations. Rising temperatures will likely exacerbate drought when and where it occurs particularly affecting rural water systems.

- Montana is one of only two states with very high vulnerability to drought, according to the National Integrated Drought Information System's national assessment.

- Drought can be a contributing factor to wildfire. Dry, hot and windy weather combined with dry vegetation and a spark -- either through human intent, accident or lightning -- can start wildfire.

Community Messaging 5*

★ Please provide a brief (1-2 sentence) description of this project/program for community messaging purposes:

Our Water Supply Resiliency Projects support development of action-oriented resiliency plans and priority projects to mitigate impacts of growth, climate change and extreme weather events on Big Sky's water resources, safeguarding our public water supply and our local the rivers and streams.

Project/Program 6 Information

INSTRUCTIONS:

Please verify and update any information that has changed since you applied for the FY21 Spring Cycle.

If this project/program will not be taking place in the fall cycle enter \$0 in the amount requested text box and provide information about why this project is no longer taking place in the "Additional Information" question later in this section.

Project/Program 6*

Stormwater Infrastructure Mapping, Modeling, Project Identification and Design

Amount Requested Project/Program 6*

Update the amount you are requesting for project/program 6 for the Fall cycle (1/1/21-6/30/21):

\$27,500.00

January 2021 Est Project/Program 6*

★ *Only for expenses incurred from 1/1-1/15/21 that you plan to request by 1/15/21. DO NOT INCLUDE ANY FUNDS YOU WERE AWARDED IN THE SPRING CYCLE IN THIS AMOUNT.*

\$0.00

February 2021 Est Project/Program 6*



\$0.00

March 2021 Est Project/Program 6*



\$0.00

April 2021 Est Project/Program 6*



\$2,500.00

May 2021 Est Project/Program 6*



\$5,000.00

June 2021 Est Project/Program 6*



\$10,000.00

July 2021 Est Project/Program 6*

★ *You may request funds until 7/15/21, for the FY21 Fall cycle for any expenses incurred before 6/30/21.*

\$10,000.00

Goals | Project/Program 6

What are the goals of this project/program and how will they be measured?

The goals of this project are to reduce stormwater runoff and facilitate groundwater infiltration to slow the flow of water through the watershed and reduce nutrient and sediment pollution into our surface and groundwaters. These goals will be accomplished by mapping the location and type of stormwater management structures within the Big Sky Community, identifying and prioritizing locations of additional stormwater management structures to most effectively capture runoff and facilitate infiltration into groundwater, 3) develop designs for prioritized projects in collaboration with community partners. The future vision is to establish a stormwater management program and a jurisdiction entity.

Project/Program 6 Spring Funding*

★ Was this project/program awarded funds in the FY21 Spring cycle?

If yes, please elaborate in the next question:

No

Project/Program 6 Spring Funding Explanation

★ If applicable, please describe how you met the measurable goals outlined in your Spring application:

Project/Program 6 Additional Information*

★ What additional information would you like to share with the Board regarding this project/program?

Addressing and coordinating stormwater management across Big Sky was a prioritized strategy in the Big Sky Sustainable Watershed Stewardship plan from both a water quality and water quantity perspective. Development compacts soils and adds impervious surface, resulting in snowmelt and rain running off the surface faster and earlier than in natural conditions. Earlier and faster runoff, reduces groundwater recharge threatening public water supplies and reduces late summer streamflows threatening fisheries health. Climate change predictions for this area is expected to exacerbate both of these conditions. Through strategically targeted and coordinated stormwater management, we can "store" runoff to be released at time when it is needed most. We are requesting Resort Tax for 50% of the project cost and will be working to solidify the remaining 50% from private donors and foundations.

Community Messaging 6*

★ Please provide a brief (1-2 sentence) description of this project/program for community messaging purposes:

Our Stormwater Management Improvement program will provide water supply resiliency and reduce nutrient and sediment pollution into community ground and surface waters.

Application Verification & Summary

APPLICATION VERIFICATION:

Please ensure that your application is complete, all calculations are accurate, and it has been proofread before submitting for Board review. Once you select Submit you will no longer be able to edit your application.

Verification*

Incomplete applications may not be considered for funding. It is the applicant's responsibility to provide all the information requested in the proper format by the application deadline.

I verify that the application is complete and contains accurate information

Date of Submission*

09/30/2020

Name of Submitter*

Kristin Gardner

Once you click 'SUBMIT', do not refresh the page. It may take a few moments to process the information and submit the application.

File Attachment Summary

Applicant File Uploads

No files were uploaded