

# Project Information Submittal Form

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**Project Submitter/Owner:** Borrego Valley Stewardship Council / **Local Government Commission**

**Project Name:** Borrego Springs Community Education, Empowerment, & Visioning for a Resilient Community Strategy

## Contact Information

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## Project Summary

Please provide a summary of the Project description. Use as much space as you need.

The Borrego Valley Stewardship Council will convene groundwater stakeholders to develop plans, programs and projects to improve watershed health. The BVSC will: (1) establish a network of partners across the basin for community visioning and integrated planning; (2) support education and engagement with the Community Plan Update and Watermaster Board (WMB) implementation of the groundwater Settlement Agreement and Groundwater Management Plan (GMP); and (3) ensure natural resource and ecological priorities are aligned and protected across the region's primary planning documents.

This project will educate and engage vulnerable and marginalized community members in Borrego Springs, empowering them to develop solutions for adapting to climate impacts including constrained water resources, warming temperatures, air quality deterioration, and indirect effects on public health, the economy, and the environment. Environmental justice issues (access to decision-making, the Human Right to Water, public health threats, and limited economic opportunity) will be addressed by catalyzing community action to address Borrego Springs' environmental vulnerabilities. The community vision, resilient community strategy, and educational series will improve community capacity to adapt to and mitigate climate change-related events including extreme heat and pervasive drought.

Borrego Valley Stewardship Council (BVSC) – a cross-sectoral partnership between local CBOs, public agencies, civic groups, businesses, and citizens – formed in response to community-identified water, climate, and development challenges. LGC is a key partner in building organizational capacity, and this project will enable LGC to support BVSC in cultivating partnerships with county offices and marginalized subsets of the community to address a lack of cohesive vision and resilience strategies in the face of future water shortages.

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Borrego must reduce its water use by 76% while preventing further air quality impairments (e.g., high particulates from off-road vehicles and land fallowing) and ensuring economic viability as an ecotourism hub and local jobs center (currently water-intensive agriculture and golf).

Project objectives and results:

- Educate the community about water and climate-related risks to Borrego Springs ecosystems and economy;
- Cultivate informed and equipped community water and climate ambassadors to engage with local decision makers; and
- Develop a cohesive vision and community resilience strategy with broad community support to ensure a resilient and prosperous Borrego Springs for future generations.

This project will encourage participation of community members experiencing the greatest climate vulnerability to foster their sense of belonging and ensure their interests are addressed. Spanish-speaking outreach workers (Promotoras) will engage Spanish-speaking residents, particularly students and parents, and identify opportunities to address climate change from an intercultural perspective. Educational series content will be community-driven, and may include: understanding water costs, community impacts of climate change, green jobs, and more. Participation in the educational series may foster interest among young people to pursue jobs in the sustainability or climate resilience sector, including potential internships with the Borrego Water District or Watermaster Board to help prevent water and air pollution through effective groundwater management. Community visioning and resilience strategies will help protect human health and the environment by promoting actions and policies that prioritize a climate-resilient Borrego. Borrego Springs can serve as a model for a just and resilient transition in the face of socio-economic and environmental disruption.

**Describe the project location, current conditions, and the benefitting areas. Please attach, separately, a [regional and Project map](#) depicting the site(s) location, current conditions, and benefitting areas.**

This Colorado desert watershed encompasses the unique geography and biodiversity of Anza-Borrego Desert State Park, and the 100% groundwater-dependent unincorporated and “severely disadvantaged” Borrego Springs community. Necessary 76% water use reductions will significantly impact the agriculture and recreation-reliant economy of this “economically distressed area” of 2,328 year-round (50% lower than County and State MHI; 11.5% below federal poverty line) and ~1,000 seasonal residents it supports. Borrego is an aging community (median age; 53.8 years, nearly 60% of population 55 or older) with a large (20%) Hispanic and Latinx population. This small and under-resourced community is the only services provider to the 500,000 annual visitors to ABDSP.

Borrego Springs is completely isolated in northeastern San Diego County, surrounded on three sides by mountains and the Borrego Badlands, within the Colorado Desert. Three main features contribute to Borrego’s water resources: 1) catchment area (or watershed itself), 2) valley floor, and 3) groundwater basin. Coyote Canyon is the most significant drainage feature; the groundwater basin underlying the valley floor is fed by rainfall in the watershed, as surface runoff in intermittent streams entering the valley floor through canyons (~16 in/yr. in the mountains, 3-6 in/yr. on the valley floor, most of which evaporates).

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Borrego subbasin is identified as “high priority” and in “critical overdraft” under SGMA. The proposed project will support implementation of the basin’s Settlement Agreement (submitted to DWR as an alternative to a GSP) by establishing a constituency for the Watermaster Board, and coordinating efforts that collectively advance goals of the basin’s Groundwater Management Plan, Community Plan, and other watershed priorities. Projected 76% reductions in water use to achieve sustainability will have significant impacts on local water affordability and economic development, as well as water quality, ecosystem function, habitat, and air quality. The newly-appointed Watermaster Board is providing limited leadership in the Borrego basin, but coordinated efforts to protect and enhance the watershed as a whole is still lacking. Misaligned planning and management activities at the county level continue to hinder progress. The watershed is not included in any Regional Water Management Groups or IRWM plans. This is a pivotal moment for the BVSC to integrate Borrego’s major governing documents and shape Borrego’s future.

The entire Borrego Springs community and basin will benefit from this project, in addition to the 500,000 annual visitors to Anza-Borrego Desert State Park (ABDSP).

**What is the nexus of the Project to the Sustainability Goal of the Borrego Springs Subbasin Groundwater Management Plan (GMP)? Is the Project listed in the GMP? How does the Project help achieve the goals of the GMP?**

The BVSC will support SGMA implementation and Borrego’s Settlement Agreement (SA; submitted to DWR as an alternative to a GSP 1/31/2020), by establishing a constituency for the WMB (which will fulfill the responsibilities of a local groundwater sustainability agency). The BVSC will help identify, prioritize, and implement watershed initiatives supporting Borrego’s GMP “projects and management actions” to minimize undesirable results (Ch4). The BVSC will “help reverse chronic lowering of groundwater levels” by enhancing water conservation programs; promoting water use efficiency; providing watershed education; identifying land-use policy changes to protect recharge areas, and exploring projects for water capture, reuse, and recharge. The BVSC will prevent “reductions in groundwater storage” by working with the WMB to identify subsidence-prone areas, land-uses that accelerate subsidence, and uses that slow subsidence, and propose land-use designations for the CP Update. The BVSC will help prevent “negative impacts to groundwater quality” by improving overall watershed health and recharge water quality through education programs and restoration projects. The BVSC will identify priority areas for protection, infill development, and stormwater capture, treatment, and reuse projects for the CP update. Recharge projects will prevent groundwater contamination from poor quality water. The BVSC will support GMP reporting and evaluation of watershed conditions (Ch 5) through coordinated citizen science initiatives to track measurable objectives against established minimum thresholds (Ch 3).

**What are the specific goals and needs for the Project, and how will the project achieve the goals and meet the needs?**

**Project Goal:** To increase the resilience and vitality of the Borrego Valley by coordinating collaborative visioning and improvement efforts for the Borrego Springs Watershed and Borrego Groundwater Basin.

**Objective 1:** Establish a network of local and regional partners across the watershed and groundwater basin critical to community visioning and integrated planning.

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**Objective 2:** Support broad education and engagement with the Community Plan update process and newly-formed Watermaster Board for implementation of the groundwater stipulation agreement and groundwater management plan.

**Objective 3:** Characterize the watershed/basin and related community values to ensure natural resource and ecological priorities are aligned and adequately protected across both policies (Community Plan and GMP).

**Objective 4:** Coordinate with Watermaster Board & GMP to ensure community values and ecological priorities are aligned and adequately protected through GMP implementation.

**Objective 5:** Coordinate with Sponsor Group & Community Plan Update to ensure natural resource and ecological priorities are aligned and adequately protected in the Community Plan Update.

The BVSC will improve coordination of watershed and groundwater efforts, ensuring community priorities are elevated, and enhancing watershed and groundwater conditions. Specifically, BVSC will impact: habitat protection and restoration, water affordability, outdoor access, air quality, economic development, climate resilience, and community capacity. Capacity building outcomes will include: new and strengthened connections across sectors, increased collaboration opportunities; improved understanding of state and local government structures, policies, economic development, and socioeconomic and environmental factors; an informed network of watershed/basin leaders to advocate for improvements; a robust communication network of interested parties; and protocols for ongoing community engagement. The most important benefit of the BVSC will be a community vision for Borrego Springs to achieve resilience, which will in turn support the 500,000 annual visitors to ABDSP.

Water-related education and engagement initiatives will improve community understanding of socio-ecological systems, increasing their ability to engage in watershed/basin-wide planning and decision-making, and ensuring disadvantaged community member concerns are addressed. It will also create college and career pathways for students interested in pursuing natural resources, interpretive, or engineering professions. The BVSC network will facilitate collaboration across agencies, organizations, and community representatives, ensuring community resources are used efficiently. Engagement will include leadership development and paid “promotoras” positions to solicit input for the Community Plan Update and Watermaster Board from hard to reach community groups. Watershed and groundwater improvement projects identified by the BVSC and GMP “projects and management actions” will expand paid technical and green jobs for local residents, and will bring in contract jobs that contribute to local food and lodging businesses, supporting local community members.

For more specific enumeration of how each objective will be met, please see the Work Plan below.

**What are the quantifiable benefits of the Project (e.g., protect or enhance water quality, water conservation, enhanced understanding of the groundwater basin, etc.)? How will those benefits be quantified and evaluated?**

**Objective 1 Quantifiable Benefits:** ~~ED~~ **Coordinator** hired and onboarded within 6 months of grant award; Organizational governance and procedures established within 6 months of grant award; At least 20, and up to 50, partners and/or cooperators identified and invited to participate in watershed

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and basin-wide coordination efforts; At least 5 funding opportunities identified and two funding proposals submitted during three-year grant period.

**Objective 2 Quantifiable Benefits:** At least 10, and up to 30 outreach channels (and audiences) identified, with relevant media, scheduling or publication/release timing, and contact information; At least 5, and up to 20, education and outreach providers identified in the watershed/basin; and invited to coordinate education and outreach efforts; Draft stakeholder engagement plan within 3 months of hiring **ED Coordinator**; Final stakeholder engagement plan within 6 months of hiring **ED Coordinator**; stakeholder engagement plan implemented within 1 year of hiring **ED Coordinator**; At least 3, and up to 10, educational activities cross-promoted through the water network.

**Objective 3 Quantifiable Benefits:** Draft white paper within 3 months of grant award; Final white paper within 6 months of grant award; Feedback on summary white paper from at least 5 water network partners and/or cooperators; Meeting participation and/or survey results from at least 50 community members; Draft potential projects within 12 months of hiring ED; ID at least 5 water network partners or cooperators for potential project implementation; seek community feedback and prioritize potential projects within 18 months of hiring ED; Draft monitoring and evaluation protocols within 18 months of hiring ED; Feedback on draft from at least 5 water network partners or collaborators; Final monitoring and evaluation protocols within 24 months of hiring ED.

**Objective 4 Quantifiable Benefits:** Draft criteria for GMP analysis within 12 months of hiring **ED Coordinator**; Feedback on draft from at least 5 water network partners or collaborators; Final criteria for GMP analysis within 18 months of hiring **ED Coordinator**; Draft memorandum of analysis within 3 months of finalizing criteria; Feedback on draft from at least 5 water coordination partners or cooperators; Final memorandum within 6 months of finalizing criteria; Draft memorandum of recommendations within 3 months of completing analysis; Feedback on draft from at least 5 water coordination partners or collaborators; Final recommendations within 9 months of completing analysis; Request time on agenda for appropriate upcoming Watermaster Board meeting (once recommendations are completed); Confirm time on agenda for upcoming meeting; Draft presentation for Watermaster Board two weeks prior to meeting; Present recommendations to Watermaster Board during meeting.

**Objective 5 Quantifiable Benefits:** Attend at least 3 and up to 15 Sponsor Group or public meetings over the 3-year grant term; Host or co-host at least 1 and up to 3 community engagement efforts over the 3-year grant term; Draft recommendations within 12 months of hiring ED; Feedback from at least 5 water coordination partners or cooperators; Final recommendations within 24 months of hiring ED; Request time on agenda for next appropriate Sponsor Group or public meeting (once recommendations are finalized); Confirm time on agenda for scheduled meeting; Present to Sponsor Group (and possibly the public); Collect feedback from attendees within 2 weeks of meeting.

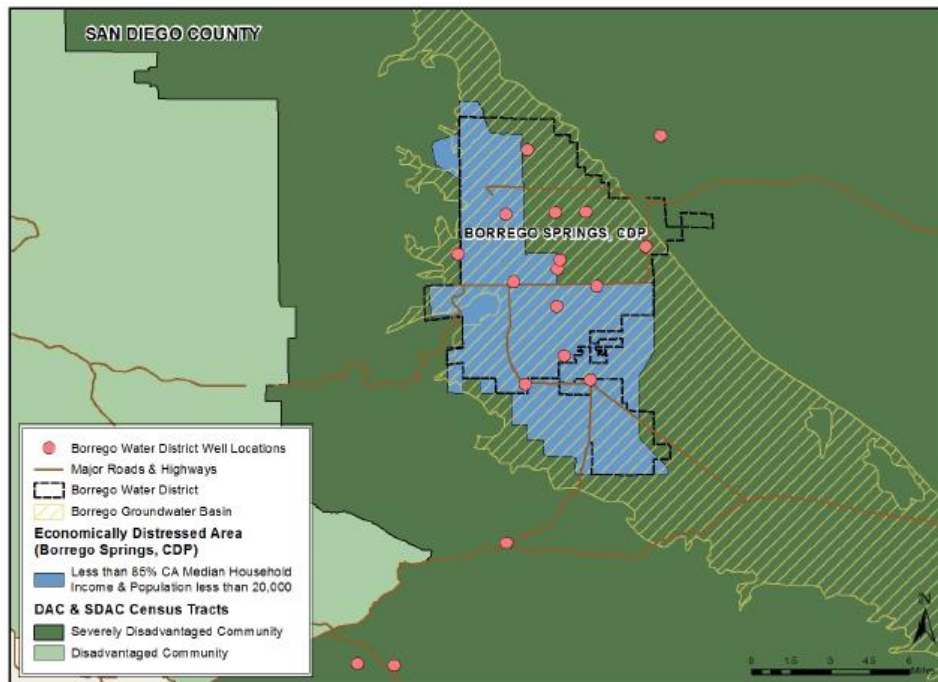
Project goals will be evaluated using qualitative and quantitative methods for community based participatory action research, systems change theory, and basic principles of water stewardship. Please see work plan for specific measures to evaluate each project objective. The Watermaster Board will closely monitor and evaluate benefits relevant to the five undesirable results, in accordance with the GMP and SGMA guidelines. Anza Borrego Desert State Park will measure and report on land area protected, habitat restored, and invasive species removal; Borrego Valley Stewardship Council (BVSC) will coordinate measuring and reporting from Anza Borrego Foundation (ABF), Anza Borrego

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Desert Natural History Association (ABDNHA), and Tubb Canyon Desert Conservancy (TCDC). The BVSC will establish metrics for evaluating progress toward measurable objectives set in the Community Plan and annual reporting to BVSC signatories.

Please describe the communities served by the Project. Will the Project benefit an Underrepresented Community, a Disadvantaged Community (DAC), and/or a Severely Disadvantaged Community (SDAC)? If so, please provide a [map](#).

The project will serve the entirety of Borrego Springs, which is a Severely Disadvantaged Community (SDAC) and Economically Distressed Area (EDA) with an aging (median age 53.8 years, ~60% of population 55 or older) and large (20%) Hispanic and Latinx population. Borrego’s median household income (MHI, \$34,046) is nearly 50% less than San Diego County (\$66,529) and California (\$63,783). Roughly 11.5% of full-time residents live below the federal poverty line (\$24,3000/household). The census tract is designated USDA “Low Income, Low Access,” and 89% of Borrego Springs Unified School District (BSUSD) students qualify for free or reduced-price lunch. Borrego ranks in the highest CalEnviroScreen 3.0 percentile for drinking water and unemployment; and second or third highest for ozone, cleanups, groundwater threats, solid waste, and poverty.



*data sources: CA Department of Water Resources, SanGIS/SANDAG*

Map from Borrego Water District, 2017



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Will the Project or Component positively impact issues associated with small water systems or private shallow domestic wells (e.g., groundwater contamination vulnerability, drawdown, etc.)? If so, please provide justification such as water system maps or domestic well census results.

Borrego Springs is 100% groundwater-dependent. Borrego's GMP projects a 76% water use reduction need to achieve resilience. Depending on how these reductions are achieved, some residents may be at risk from localized drawdown.

The BVSC will establish a constituency for the Watermaster Board, which is tasked with managing the Borrego basin in coordination with Borrego Water District. Direct engagement with Borregans reliant on the aquifer as their sole water supply will elevate local priorities and concerns to the Watermaster Board and BWD. Water education programming will build capacity of local residents at risk from these impacts to better self-advocate. Through alignment with the Community Plan Update, the BVSC will influence land-use planning and decision-making to prioritize and protect groundwater recharge for both groundwater quality and supply reliability. The community visioning process will identify potential projects to further improve water quality.

Does the Project address the needs of the State Water Board's SAFER Program, designed to ensure Californians who lack safe, adequate, and affordable drinking water receive it as quickly as possible, and that the water systems serving them establish sustainable solutions?

Borrego subbasin has relatively high water quality (meets California drinking water standards without treatment), but pockets contaminated with arsenic, sulfate, and nitrates above drinking water standards must be carefully monitored. Depending on how the Watermaster board and Borrego Water District determine to cover costs associated with achieving resilience, some residents may also be at risk for water affordability impacts due to increased rates. BVSC activities will improve overall watershed health, protecting groundwater quality from potential degradation, ensuring the drinking water supply remains safe. By creating a constituency for the WMB, the BVSC will protect drinking water access for the community's most at-risk residents when 76% demand reductions threaten to drive up water costs.

How does the Project address the Human Right to Water (AB 685 Section 106.3) which states that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?

Borrego ranks in the highest CalEnviroScreen 3.0 percentile for drinking water. Despite the Borrego subbasin having relatively high water quality (meets California drinking water standards without treatment), pockets contaminated with arsenic, sulfate, and nitrates above drinking water standards must be carefully monitored. BVSC activities will improve overall watershed health, protect groundwater quality from potential degradation, and ensure the drinking water supply remains safe.

As previously noted, Borrego's median household income (MHI, \$34,046) is nearly 50% less than San Diego County (\$66,529) and California (\$63,783). Roughly 11.5% of full-time residents live below the federal poverty line (\$24,300/household). The census tract is designated USDA "Low Income, Low Access," and 89% of Borrego Springs Unified School District (BSUSD) students qualify for free or reduced-price lunch. Borrego ranks in the highest CalEnviroScreen 3.0 percentile for drinking water and unemployment. While water rates may be relatively affordable for the majority of Borregans, the community's lowest income residents experience heightened risk for water supply and sanitation cost burden. They are also highly vulnerable to water shutoffs due to unpaid bills. The BVSC will directly

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engage Borrego’s lower-income and financially burdened residents to ensure their needs and interests are addressed in all decision-making. By creating a constituency for the Watermaster Board, the BVSC will protect drinking water access for the community’s most at-risk residents when 76% demand reductions threaten to drive up water costs.

Please describe how the project contributes to addressing the risks in the region to water supply and water infrastructure arising from climate change. If possible, please provide the amount of greenhouse gas emissions reduced and carbon sequestered resulting from the project.

The BVSC will address climate-related risks to the region’s water supply and water infrastructure by enhancing the overall climate resilience of the community more broadly. BVSC’s engagement, capacity building, and community visioning efforts will help protect valued natural features (e.g., clean air, dark night skies, scenic mountain vistas, and flora and fauna) from the triple threat of: economic development, water use reductions, and climate change impacts. The BVSC-led community visioning process will identify ecosystem characteristics for protection in the Community Plan update (e.g., increasing local business and nightlife for economic development will be reconciled with preserving Borrego’s “dark sky community” designation). The BVSC will coordinate air and water quality monitoring and wetland restoration initiatives between local groups. The BVSC will combat the cycle of individual farm retirement ushering in invasive species colonization and watershed degradation from more intensive uses by working with the individual land owners, the Watermaster Board, Sponsor Group, and Anza Borrego Foundation to align land-use change with other watershed benefits (e.g., Community Plan land designations as high agricultural, ecological, commercial value, or low-value priority for land-use transition, and incentivize compatible land-use for each; establishing guidelines for land transition to minimize negative impacts; negotiated land and water transfers). The BVSC will increase invasive species removal (range of species and land area) by leveraging resources from multiple organizations currently leading independent initiatives (e.g., ABDSP, ABDNHA, TCDC; tamarisk, Sahara mustard, fountain grass, volutaria). The BVSC will ensure ecosystem restoration projects improve habitat for desert bighorn sheep, Least Bell’s vireo, and other protected species, and advocate for strong ecosystem protections in the Community Update and GMP implementation. Water quality changes will be closely monitored as GMP implementation leads to shifts in well locations, new infrastructure, and possible water treatment. Proposed activities are consistent with resource protection activities and regulations, as identified in the ABDSP Master Plan, Borrego Basin GMP, Borrego Community Plan, San Diego County Air Pollution Control District, and San Diego Regional Water Quality Control Board. The BVSC will coordinate with the Borrego Village Association (BVA), which is pursuing a basin-wide carbon footprint, to ensure carbon sequestration opportunities are identified and proposed for the Community Plan Update. Climate-induced long-term drought poses significant risk to this 100% groundwater-dependent community. The BVSC will help its community achieve the only path to a resilient future through community visioning and the Community Plan Update: sustainably managing its aquifer and rebuilding its economy within its water supply reality.



## Work Plan

*The Work Plan must contain descriptions of the anticipated tasks necessary to complete the project. Tasks should be organized by the five budget categories, as applicable: (a) Project Administration, (b) Planning/Design/Environmental, (c) Construction/Implementation, (d) Monitoring/Assessment, and (e) Interested Parties Outreach/Education. The Work Plan should also identify the anticipated deliverables for each task.*

*Add additional tasks and subtasks as needed to provide a detailed work plan. Some examples and suggested language have been provided.*

### Budget Category (a): Project Administration

This budget category consists of one task, Project Management. Costs will include personnel time necessary to administer the project, such as executing sub awards, progress reports, invoices, and correspondence with DWR and BWD. Some minimal direct expenses associated with printing, copying, and mailing necessary documents will also be included.

#### Task 1 - Project Management

Manage grant agreement including compliance with grant requirements, and preparation and submission of supporting grant documents and coordination with the Grantee, Borrego Water District. Prepare invoices including relevant supporting documentation for submittal to DWR via Borrego Water District. This task also includes administrative responsibilities associated with the project such as coordinating with partnering agencies and managing consultants/contractors.

***Deliverables:*** *Invoices and necessary documentation*

### Budget Category (b): Planning/Design/Environmental

This budget category will entail conducting necessary background research and preliminary activities to develop and prepare BVSC for implementing the community visioning process as well as formalizing the local water engagement network. Costs will include personnel time to conduct research, support BVSC staffing, develop outreach plan, and design the community vision process. Direct expenses will include local advertising, job posting fees, printing, mailing, and other multimedia expenses.

#### Task 2. - Planning

Establish a network of local and regional partners across the watershed critical to community visioning and integrated planning.

Task 2a: Recruit, hire, and onboard new part-time employee to serve as watershed coordinator under BVSC community visioning process.

Task 2b: Design a voluntary community visioning process that maximizes diverse community participation and elevates the voices of marginalized groups.

Task 2c: Establish a network of local and regional partners across the watershed/basin critical to community visioning and integrated planning.

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Task 2d: Pursue additional funding opportunities to support ongoing water coordination activities.

***Deliverables:***

*2a: Contract for Administrative Support Staff for 3 years, with position description and scope of work for ¼ FTE to fulfill role of "BVSC Coordinator."*

*2b: Community visioning process schedule, engagement arc, and engagement plan.*

*2c: Database with contact information, roles, and levels of engagement for each party.*

*2d: List or database of potential funding options, submitted applications.*

## Budget Category (c): Construction/Implementation

This budget category includes conducting the voluntary community visioning process and coordinating between key planning and governing bodies, the Sponsor Group and Watermaster Board. Personnel costs associated with this budget category will include research, data collection and analysis, communications, community engagement, coordination, and meeting facilitation. Direct expenses will include meeting and event supplies, local event promotion and advertising, data acquisition fees, and telecommunications fees.

### Task 3. - Watershed/Basin Characterization

Characterize the watershed/basin and related community values to ensure natural resource and ecological priorities are aligned and adequately protected across both policies (Community Plan and GMP).

Task 3a: Conduct desktop research and literature review of the region's natural resources / environmental (watershed) characteristics, community priorities, planning, and governance.

Task 3b: Support community visioning process and the development of community priorities for the watershed

Task 3c: Identify and prioritize community watershed vision, which will include potential watershed restoration or management projects.

Task 3d: Develop monitoring and evaluation protocols for the community watershed vision and priorities.

**Deliverables:**

3a: Summary white paper of watershed characterization

3b: Summary notes from community meeting(s); and/or analysis of community survey results.

3c: Prioritized list of potential projects, with descriptions of each project, prioritization criteria, implementation partners, funding sources, and timelines.

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3d: Document of watershed monitoring and evaluation protocols with identified responsible parties and timelines for monitoring and evaluation.

**Task 4. – Watermaster Board Coordination**

Coordinate with Watermaster Board & GMP to ensure community values and ecological priorities are aligned and adequately protected through GMP implementation.

Task 4a: Establish criteria for evaluating the impacts to the watershed from implementation of the GMP

Task 4b: Conduct GMP analysis for alignment with community watershed vision and potential impacts to the watershed.

Task 4c: Develop recommendations for implementing community watershed vision, priorities, and watershed protections.

Task 4d: Share analysis results and recommendations with Watermaster Board.

**Deliverables:**

4a: Document of criteria for analyzing GMP for watershed impacts

4b: Memorandum outlining potential impacts to the watershed from GMP implementation.

4c: Memorandum of recommendations to the Watermaster Board to prevent negative impacts to the watershed from GMP implementation.

4d: Presentation of recommendations to Watermaster Board during at least 1 public meeting; Feedback on presentation from attendees.

**Task 5. – Sponsor Group Coordination**

Coordinate with Sponsor Group & Community Plan Update to ensure natural resource and ecological priorities are aligned and adequately protected in the Community Plan Update.

Task 5a: Actively participate in Sponsor Group-driven Community Plan Update Process

Task 5b: Coordinate with Sponsor Group community engagement efforts to ensure adequate community input on watershed priorities and impacts (including protections for and/or improvements of environmental conditions and natural resources management).

Task 5c: Develop recommendations for environmental and natural resources components to be included in the Community Plan, including: potential policy changes, community initiatives, projects, activities, monitoring, evaluation, and education.

Task 5d: Share recommendations (or supplemental plan) with Sponsor Group and Community Plan update process.

**Deliverables:**

5a: List of Sponsor Group public meeting dates attended.

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5b: Materials from community meetings and/or outreach efforts hosted or co-hosted by watershed coordination group (e.g., fliers, meeting agendas, presentations, other educational materials or documents).

5c: Memorandum of recommendations for Community Plan.

5d: Presentation to Sponsor Group and Community Plan Update participants; Summary of feedback on presentation.

## Budget Category (d): Monitoring/Assessment

This budget category is not applicable to the proposed project.

Task n. - [Title]

[Description]

## Budget Category (e): Interested Parties Outreach/Education

This budget category comprises the bulk of the project, consisting of direct community engagement to ensure alignment between the community-developed vision and the county-driven Community Plan update process as well as implementation of the Water Academy educational and leadership development program. Personnel costs associated with this budget category will include curriculum and content development, direct community outreach, broad community engagement, meeting facilitation, and program evaluation. Direct expenses associated with this budget category will include meeting and event supplies, ~~participant stipends~~, telecommunications, promotional materials, local advertising expenses, printing, and mailing.

Task 6. - Community Plan Update

Support broad education and engagement with the Community Plan update process and newly-formed Watermaster Board for implementation of the groundwater stipulation agreement and groundwater management plan.

Task 6a: Compile a database of all outreach channels across the watershed.

Task 6b: Establish a network of relevant watershed education, engagement, and outreach providers.

Task 6c: Create a stakeholder and community engagement plan for basin/watershed coordination and education.

Task 6d: Coordinate and help promote local groundwater and watershed-related education efforts between providers and venues across the region.

### Deliverables:

6a: Database of outreach channels, including contact info, media, outreach methods, and relevant timing information.

6b: Established system for regular communication, coordination, cross-promotion, and support between watershed education and outreach providers.

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6c: Stakeholder and community engagement plan (including community outreach needs of the WMB, potential processes, tools, and resources).

6d: Regularly maintained calendar of coordinated education efforts.

**Task 7. - Groundwater Training & Leadership Development Program**

Recruit and retain community members to participate in the community resilience training and leadership development program (provided in English and Spanish) and evaluate their knowledge acquisition.

Task 7a: Develop curriculum for groundwater training and leadership development program.

Task 7b: Conduct extensive and purposeful direct engagement to target populations for recruiting program participants.

Task 7c: Implement the Water Academy Program in order to develop a constituency of informed local leaders to help shape the future of groundwater management and land-use decision-making in Borrego Springs.

Task 7d: Evaluate effectiveness of program implementation, identify areas of improvement, and adapt program structure and content for future iterations.

Deliverables:

7a: Curriculum outlines and materials

7b: Roster of participants

7c: Session agendas

7d: Evaluation survey results

Budget

*DWR required budget categories have been included below. Add tasks as applicable; additional rows must be added under the applicable categories to present the cost of each task described in the Work Plan.*

		(a)	(b)	(c)	(d)
Category		Requested Grant Amount	Local Cost Share: Non-State Fund Source*	Total Cost	% Local Cost Share (Col(b))/(Col(c))
<b>(a)</b>	<b>Project Administration</b>				
	Task 1. Project Management	\$20,000	\$5,000	\$25,000	20%
<b>(b)</b>	<b>Planning/ Design/ Environmental</b>				
	Task 2. Planning	\$30,000	\$5,000	\$35,000	14%
<b>(c)</b>	<b>Construction/Implementation</b>				
	Task 3. Watershed/Basin Characterization	\$25,000	\$10,000	\$35,000	29%
	Task 4. Watermaster Board Coordination	\$15,000	\$10,000	\$25,000	40%
	Task 5. Sponsor Group Coordination	\$15,000	\$10,000	\$25,000	40%
<b>(d)</b>	<b>Monitoring/Assessment</b>				
	N/a				
<b>(e)</b>	<b>Interested Parties Outreach/Public Education</b>				
	Task 6. Community Plan Update	\$50,000	\$20,000	\$70,000	33%



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	Task 7. Groundwater Training & Leadership Development Program	\$45,000		\$45,000	
<b>(f)</b>	<b>Grand Total (Sum rows (a) through (d) for each column)</b>	\$200,000	\$60,000	\$260,000	176%

\* List sources of Local Cost Share funding: **The San Diego Foundation grant to Local Government Commission**

## Schedule

*The Schedule must be organized in a manner that is consistent with the Work Plan and Budget that will be contained in the Grant Agreement. The Schedule Table presented below is a template that must be completed for each project in the proposal. The required budget categories have been included below. Add additional rows for each task as described in the Work Plan and Budget.*

<b>Categories</b>		<b>Start Date</b> (Earliest Start Date)	<b>End Date</b> (Latest End Date)
<b>(a)</b>	<b>Project Administration</b>	<b>04/01/2022</b>	<b>06/30/2024</b>
	Task 1. Project Management	04/01/2022	06/30/2024
<b>(b)</b>	<b>Planning/Design/Environmental</b>	<b>05/01/2022</b>	<b>05/31/2024</b>
	Task 2. Planning	05/01/2022	05/31/2023
<b>(c)</b>	<b>Construction/Implementation</b>	<b>10/01/2022</b>	<b>06/30/2024</b>
	Task 3. Watershed/Basin Characterization	04/01/2022	06/30/2023
	Task 4. Watermaster Board Coordination	05/01/2022	06/30/2024
	Task 5. Sponsor Group Coordination	05/01/2022	06/30/2024
<b>(d)</b>	<b>Monitoring/Assessment</b>	<b>01/01/2023</b>	<b>10/01/2023</b>
	N/a		
<b>(e)</b>	<b>Interested Parties Outreach/Public Education</b>	<b>04/01/2022</b>	<b>06/30/2024</b>
	Task 6. Community Plan Update	04/01/2022	06/30/2024