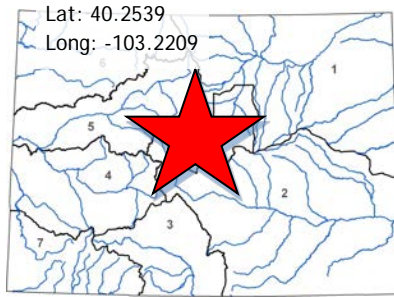


Water Plan Grant Application



L O C A T I O N	
County/Countries:	Statewide
Drainage Basin:	Statewide

D E T A I L S	
Total Project Cost:	\$793,348
Water Plan Grant Request:	\$396,673
Recommended Amount:	\$396,673
Other CWCB Funding:	\$0
Other Funding Amount:	\$396,675
Applicant Match:	\$0
Project Type(s):	Other
Project Category(Categories):	Conservation and Land Use
Measurable Result:	240,000 impacted by incorporating water saving actions into land use planning; 316 individuals impacted by engagement activity

Colorado Growing Water Smart (CGWS) builds the capacity of local jurisdictions to plan and implement long-term strategies for the integration of land use and water planning. In partnership with CWCB, CO Department of Local Affairs, Northwest Colorado Council of Governments, and the Babbitt Center for Land and Water Policy of the Lincoln Institute of Land Policy, SI provides research, convening, training, technical assistance, and other resources to communities that allow them to better understand and respond to current and future water supply and demand, the range of land use planning tools to align growth and development with forecasted water supplies, and engage and educate their community to build support for needed plans and policies.

Building on our introductory training and assistance program offered over the past three years, SI is proposing to expand our activities to include:

- Training, technical assistance, education, and networking through the Growing Water Smart workshop for communities to actively incorporate water-saving actions into land-use planning.
- Two demonstration projects in communities seeking to monitor their progress and impact in incorporating water-saving actions into land-use planning.
- A stakeholder process to develop recommendations on effective partnerships, early engagement, or other identified best practices for more holistic planning around water transfers and water sharing proposals.
- Development of new resources related to adequate water supply planning, including a water demand calculation methodology and water conservation plan protocols to assess proposed development projects.

These activities are expected to engage 316 Coloradans and impact 240,000 residents, covering approximately 4% of Colorado's total population, and impact water conservation, land use, and drought planning in at least half of Colorado's basins.



Last Updated: July 2019

Colorado Water Conservation Board

Water Plan Grant Application

Instructions

To receive funding for a Water Plan Grant, applicant must demonstrate how the project, activity, or process (collectively referred to as “project”) funded by the CWCB will help meet the measurable objectives and critical actions in the Water Plan. Grant guidelines are available on the CWCB website.

If you have questions, please contact CWCB at (303) 866-3441 or email the following staff to assist you with applications in the following areas:

Water Storage Projects Conservation, Land Use Planning Engagement & Innovation Activities Agricultural Projects Environmental & Recreation Projects	Anna.Mauss@state.co.us Kevin.Reidy@state.co.us Ben.Wade@state.co.us Alexander.Funk@state.co.us Chris.Sturm@state.co.us
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FINAL SUBMISSION: Submit all application materials in one email to waterplan.grants@state.co.us in the original file formats [Application (word); Statement of Work (word); Budget/Schedule (excel)]. Please do not combine documents. In the subject line, please include the funding category and name of the project.

Water Project Summary	
Name of Applicant	Sonoran Institute
Name of Water Project	Colorado Growing Water Smart
CWP Grant Request Amount	\$396,673
Other Funding Sources <u>Gates Family Foundation</u>	\$150,000
Other Funding Sources <u>Lincoln Institute of Land Policy/Babbitt Center for Land and Water Policy</u>	\$246,675
Other Funding Sources _____	\$0
Applicant Funding Contribution	\$0
Total Project Cost	\$793,348

Applicant & Grantee Information
Name of Grantee(s): Sonoran Institute



Last Updated: July 2019

Mailing Address: PO Box 9792, Denver, CO 80209
FEIN
Organization Contact: Waverly Klaw
Position/Title: Associate Director, Resilient Communities and Watersheds
Email: wklaw@sonoraninstitute.org
Phone: 720-340-0020
Grant Management Contact Angelica Cruz Favela
Position/Title Associate Director, Finance
Email afavela@sonoraninstitute.org
Phone 520-585-4879
Name of Applicant: Same
Mailing Address
Position/Title
Email
Phone
Description of Grantee/Applicant
Provide a brief description of the grantee's organization (100 words or less).
Founded in 1990, the Sonoran Institute's (SI) mission is to connect people and communities with the natural resources that nourish and sustain them. We work at the nexus of commerce, community, and conservation to help people in the North American West build the communities they want to live in while preserving the values which brought them here. We envision a West where civil dialogue and collaboration are hallmarks of decision making, where people and wildlife live in harmony, and where clean water, air, and energy are assured.



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Type of Eligible Entity (check one)	
	Public (Government): Municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.
	Public (Districts): Authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises.
	Private Incorporated: Mutual ditch companies, homeowners associations, corporations.
	Private Individuals, Partnerships, and Sole Proprietors: Private parties may be eligible for funding.
X	Non-governmental organizations (NGO): Organization that is not part of the government and is non-profit in nature.
	Covered Entity: As defined in Section 37-60-126 Colorado Revised Statutes .

Type of Water Project (check all that apply)	
	Study
	Construction
	Identified Projects and Processes (IPP)
X	Other

Category of Water Project (check the primary category that applies and include relevant tasks)	
	Water Storage - Projects that facilitate the development of additional storage, artificial aquifer recharge, and dredging existing reservoirs to restore the reservoirs' full decreed capacity and Multi-beneficial projects and those projects identified in basin implementation plans to address the water supply and demand gap.. <i>Applicable Exhibit A Task(s):</i>
X	Conservation and Land Use Planning - Activities and projects that implement long-term strategies for conservation, land use, and drought planning. <i>Applicable Exhibit A Task(s):</i>
	Engagement & Innovation - Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application on the website. <i>Applicable Exhibit A Task(s):</i>
	Agricultural - Projects that provide technical assistance and improve agricultural efficiency. <i>Applicable Exhibit A Task(s):</i>
	Environmental & Recreation - Projects that promote watershed health, environmental health, and recreation. <i>Applicable Exhibit A Task(s):</i>
	Other
	Explain:

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Location of Water Project	
Please provide the general county and coordinates of the proposed project below in decimal degrees . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Countries	Front Range and West Slope counties (counties within the Colorado River watershed or dependent on Colorado River water diversions)
Latitude	
Longitude	

Water Project Overview
<p>Please provide a summary of the proposed water project (200 words or less). Include a description of the project and what the CWP Grant funding will be used for specifically (e.g., studies, permitting process, construction). Provide a description of the water supply source to be utilized or the water body affected by the project, where applicable. Include details such as acres under irrigation, types of crops irrigated, number of residential and commercial taps, length of ditch improvements, length of pipe installed, and area of habitat improvements, where applicable. If this project addresses multiple purposes or spans multiple basins, please explain.</p> <p>The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, Other Funding Sources/Amounts and Schedule.</p>
<p>Colorado Growing Water Smart (CGWS) builds the capacity of local jurisdictions to plan and implement long-term strategies for the integration of land use and water planning. In partnership with CWCB, CO Department of Local Affairs, Northwest Colorado Council of Governments, and the Babbitt Center for Land and Water Policy of the Lincoln Institute of Land Policy, SI provides research, convening, training, technical assistance, and other resources to communities that allow them to better understand and respond to current and future water supply and demand, the range of land use planning tools to align growth and development with forecasted water supplies, and engage and educate their community to build support for needed plans and policies.</p> <p>Building on our introductory training and assistance program offered over the past three years, SI is proposing to expand our activities to include:</p> <ul style="list-style-type: none"> • Training, technical assistance, education, and networking through the Growing Water Smart workshop for communities to actively incorporate water-saving actions into land-use planning. • Two demonstration projects in communities seeking to monitor their progress and impact in incorporating water-saving actions into land-use planning. • A stakeholder process to develop recommendations on effective partnerships, early engagement, or other identified best practices for more holistic planning around water transfers and water sharing proposals. • Development of new resources related to adequate water supply planning, including a water demand calculation methodology and water conservation plan protocols to assess proposed development projects. <p>These activities are expected to engage 316 Coloradans and impact 240,000 residents, covering approximately 4% of Colorado's total population, and impact water conservation, land use, and drought planning in at least half of Colorado's basins.</p>

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Measurable Results	
To catalog measurable results achieved with the CWP Grant funds, please provide any of the following values as applicable:	
	New Storage Created (acre-feet)
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
	Existing Storage Preserved or Enhanced (acre-feet)
	Length of Stream Restored or Protected (linear feet)
	Efficiency Savings (indicate acre-feet/year OR dollars/year)
	Area of Restored or Preserved Habitat (acres)
	Quantity of Water Shared through Alternative Transfer Mechanisms
240,000	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning
316	Number of Coloradans Impacted by Engagement Activity
	Other Explain:

Water Project Justification
<p>Provide a description of how this water project supports the goals of Colorado's Water Plan, the most recent Statewide Water Supply Initiative, and the applicable Roundtable Basin Implementation Plan and Education Action Plan. The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers).</p> <p>The proposed water project shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan Framework for State of Colorado Support for a Water Project (CWP, Section 9.4, pp. 9-43 to 9-44;)</p> <p>SB 15-008 tasked CWCB and CO Department of Local Affairs with carrying out land-use trainings across Colorado in order to help realize Colorado's Water Plan 2025 goal of "75 percent of Coloradans will live in communities that have incorporated water-saving actions into land-use planning."</p> <p>CGWS helps build the state's capacity toward meeting this goal. The training and assistance is designed to provide ongoing support to communities that lead to increased conservation, enhanced storage, improved efficiencies, and other measurable results. If we continue to conduct at least one training workshop a year with 5-7 communities participating in each workshop, we should reach this goal by 2025.</p>

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Related Studies

Please provide a list of any related studies, including if the water project is complementary to or assists in the implementation of other CWCB programs.

CGWS is undertaken in partnership with CWCB, CO Department of Local Affairs, Northwest Colorado Council of Governments, and the Babbitt Center for Land and Water Policy of the Lincoln Institute of Land Policy. These partners have developed a wide range of expertise, resources, and contacts that inform and assist in the implementation of CGWS. Many of the resources they have developed have been integrated in or referred to in CGWS' training and assistance materials, including the "Breaking Down Silos" webinars (CWCB, DOLA), Land Use and Water Workshops (NWCCOG), "Best Practices for Implementing Water Conservation and Demand Management through Land Use Planning Efforts," (Babbitt Center), and "Incorporating Water in Comprehensive Planning for Colorado River Basin Communities (Babbitt Center, forthcoming).

Previous CWCB Grants, Loans or Other Funding

List all previous or current CWCB grants (including WSRF) awarded to both the Applicant and Grantee. Include: 1) Applicant name; 2) Water activity name; 3) Approving RT(s); 4) CWCB board meeting date; 5) Contract number or purchase order; 6) Percentage of other CWCB funding for your overall project.

1) Sonoran Institute, 2) Colorado Growing Water Smart, 3) Gregory Johnson, 4) June 26, 2018, 5) CMS 111461, CTTG1 2019-130, 6) 45%, CWCB and 55% match.

Taxpayer Bill of Rights

The Taxpayer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect your application.

We are not aware of any TABOR issues affected by our application.

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Submittal Checklist	
	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract .
Exhibit A	
X	Statement of Work ⁽¹⁾
X	Budget & Schedule ⁽¹⁾
	Engineer's statement of probable cost (projects over \$100,000)
X	Letters of Matching and/or Pending 3 rd Party Commitments ⁽¹⁾
Exhibit C	
	Map (if applicable) ⁽¹⁾
	Photos/Drawings/Reports
	Letters of Support (Optional)
X	Certificate of Insurance (General, Auto, & Workers' Comp.) ⁽²⁾
X	Certificate of Good Standing with Colorado Secretary of State ⁽²⁾
X	W-9 ⁽²⁾
	Independent Contractor Form ⁽²⁾ (If applicant is individual, not company/organization)
Engagement & Innovation Grant Applicants ONLY	
	Engagement & Innovation Supplemental Application ⁽¹⁾

(1) Required with application.

(2) Required for contracting. While optional at the time of this application, submission can expedite contracting upon CWCB Board approval.

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Colorado Water Conservation Board
Water Plan Grant - Exhibit A

Statement Of Work	
Date:	
Name of Grantee:	Sonoran Institute
Name of Water Project:	Colorado Growing Water Smart
Funding Source:	CWCB, Babbitt Center for Land and Water Policy of the Lincoln Institute of Land Policy, and the Gates Family Foundation
Water Project Overview:	
<p>Colorado Growing Water Smart (CGWS) builds the capacity of local jurisdictions to plan and implement long-term strategies for the integration of land use and water planning. In partnership with CWCB, CO Department of Local Affairs, Northwest Colorado Council of Governments, and the Babbitt Center for Land and Water Policy of the Lincoln Institute of Land Policy, SI provides research, convening, training, technical assistance, and other resources to communities that allow them to better understand and respond to current and future water supply and demand, the range of land use planning tools to align growth and development with forecasted water supplies, and engage and educate their community to build support for needed plans and policies.</p> <p>Building on our introductory training and assistance program offered over the past two years, SI is proposing to expand our activities to include:</p> <ul style="list-style-type: none"> • Training, technical assistance, education, and networking for communities actively incorporating water-saving actions into land-use planning. • Two demonstration projects in communities seeking to monitoring their progress and impact in incorporating water-saving actions into land-use planning. • A stakeholder process to develop recommendations on effective partnerships, early engagement, or other identified best practices for more holistic planning around water transfers and water sharing proposals. • Development of new resources related to adequate water supply planning, including a water demand calculation methodology and water conservation plan protocols to assess proposed development projects. <p>These activities are expected to engage 316 Coloradans and impact 240,000 residents, covering approximately 4% of Colorado's total population, and impact water conservation, land use, and drought planning in at least half of Colorado's basins.</p>	
Project Objectives:	

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By 2022,

- 15 communities representing an additional 200,000 Coloradans will have participated in CGWS and will be actively incorporating water-saving actions into land-use planning.
- 60 representatives from these communities will be participating in a peer-to-peer learning network.
- Two communities representing 40,000 Coloradans will be monitoring their progress and impact in incorporating water-saving actions into land-use planning.
- At least 316 elected officials, planners, water providers and other stakeholders will be engaged through our training, assistance, education, and outreach activities.
- State and local officials will have recommendations on effective partnerships, early engagement, or other identified best practices for more holistic planning around water transfers and water sharing proposals.
- Local officials will have new resources related to adequate water supply planning, including a water demand calculation methodology and water conservation plan protocols to assess proposed development projects.

Tasks

Task 1 – Introductory Training and Assistance

Description of Task: Trains and assists communities in the integration of water and land-use planning

The Sonoran Institute's (SI) Colorado Growing Water Smart (CGWS) introductory training and assistance program builds the capacity of local jurisdictions to plan and implement long-term strategies for the integration of land use and water planning. Communities apply competitively to participate in the program and subsequently for follow-up assistance to achieve their planning and policy goals identified at the workshop. By the end of 2019, 34 communities representing 50% of Coloradans (over 3 million people) have participated in CGWS. (Our goal was 24 communities representing 1.2 million Coloradans.) Among the water-savings actions participating communities have undertaken:

- Archuleta County and the Town of Pagosa Springs formed a multi-jurisdictional group that led to the adoption of agreed-upon population growth projections to assess future water demand. This group is now working on a regional landscape ordinance to reduce peak summer water demand.
- The City of Fort Collins and its water providers agreed to a common set of strategies to reduce water demand that the city will include in its comprehensive plan update.
- The City of Westminster undertook a code audit that led to the creation of a unified land use and development code replacing inconsistent and overlapping codes, new conservation-oriented landscaping design standards, and a more aggressive water rate structure.
- The Town of Rico held a series of community meetings around their aging and inadequate water and wastewater infrastructure, leading the town to agree to assess the feasibility of various funding mechanisms, including a potential sales tax increase.

Method/Procedure:

Last Updated: July 2019

Tasks

For the next two years (July 2020-June 2022), SI will offer three rounds of our introductory program. The program will remain open to communities along the Front Range and the West Slope. It will not differ significantly from the program currently offered, with the exception of the level of technical assistance provided. Depending on level of interest and partnership opportunities, we may offer the program to communities within a defined watershed or region, particularly if there are funds available from other donors or sponsors.

We have assessed community needs for follow-up technical assistance to the Growing Water Smart workshop based on the frequency of applications received, timing of requests for assistance, and amount requested. To increase the impact of the technical assistance program, we will issue one Request for Proposals for technical assistance per year that will be open to all prior program participants. This shift may reduce the total number of communities assisted while making more funds available to communities that are strategically positioned to carry out the next phase of their action plans.

We have now engaged more than 150 community representatives (planners, water providers, elected officials, and business and civic leaders). We believe the time is right to create an on-line peer-to-peer network that allows these community leaders to network and learn from each other. We envision a distributed platform encompassing a list serv or social media group, possibly supplemented with quarterly hour-long conference calls, requiring minimal management and whose content is largely driven by network participants (for an example, see the [Colorado Open Space Alliance](#)). We will conduct a survey of potential network participants, drawing from participants in CGWS introductory workshops to inform development of the network. This online network could be co-branded with the Colorado Water and Land Use Alliance.

Lastly, we would like to further elevate the profile and accomplishments of CGWS participants through a more formal partnership with Colorado APA. We propose co-sponsoring a Growing Water Smart award and three Growing Water Smart break-out sessions at their annual conference. Sonoran Institute would be responsible for working with APA board and volunteers to promote the awards program, select award-winners, and organize topics, speakers, and panelist for the break-out sessions.

Deliverables:

1. CGWS request for proposals, workshop curriculum and agenda, list of workshop participants, and community action plans
2. Annual memos updating implementation of action plans
3. Community requests for technical assistance and accomplishment reports on assistance provided
4. Written plans and policies ultimately adopted by communities
5. Survey responses from potential network participants
6. Network conference call agendas
7. Awards program and break-out session materials.

Last Updated: July 2019

<p>Task 2 – Growing Water Smart Metrics Pilot Demonstrations</p>
<p>Description of Task: Piloting progress and impact metrics in two CO communities</p>
<p>Sonoran Institute (SI), with assistance from the Brendle Group, has led a stakeholder process to identify a suite of metrics associated with the integration of water and land use planning. This process, which will conclude in early 2020, will culminate in a guidebook that local, regional, and state officials can apply to measure the progress of water-land use integration and the impact of those integration efforts.</p> <p>SI will pilot the use of metrics that demonstrate progress towards and impact of integrating water and land use, as described in the metrics guidebook developed previously with CWCB funding, in two Colorado communities (city, town, county, or combination thereof). We envision providing in-community support that will include the following:</p> <ul style="list-style-type: none"> • “Anchor” workshop to introduce guidebook, suite of metrics, and value of tracking metrics. • “Define” workshop to identify metrics to be tracked and rationale for tracking these • “Activate” workshop to determine process, community in-kind support, and outside assistance for collecting data and establishing a baseline. • Technical assistance in collecting and evaluating data and establishing baseline. • “Assess” workshop to evaluate baseline data and process to continue tracking and reporting on data based on policy/planning actions taken or proposed. <p>SI will issue a Request for Proposals so that communities can apply for the training and assistance provided. Communities selected will be based on specific criteria (actions taken or proposed whose impact will be measured, demonstrated community leadership support for pilot project, level of in-kind community support pledged in collecting and evaluating data, and stakeholders or partners involved).</p>
<p>Method/Procedure:</p>
<p>With support from the Brendle Group, we will design a training and assistance program that borrows from the stakeholder engagement process used in the development of the guidebook (Anchor, Define, and Activate). Modest technical support will be provided to build community capacity to collect, evaluate, and report on data, and a closing (Assess) workshop will help explicitly link community metrics to policy or planning actions (taken or proposed) that integrate water and land use planning. We will prepare a final report describing lessons learned in implementing metrics and providing recommendations to state officials regarding how they can assist and build the capacity of other communities in their “metrics” efforts.</p>
<p>Deliverables:</p>
<ol style="list-style-type: none"> 1. Request for Proposals 2. Introductory webinar (recorded) for applicants 3. Community applications 4. Workshop materials, list of participants, and summaries 5. Technical assistance agreements 6. Final report on pilot demonstration projects
<p>Task 3 – Water Supply Adequacy Research and Resource Development</p>
<p>Description of Task: Development of new resources related to adequate water supply planning</p>

Last Updated: July 2019

As part of the introductory Colorado Growing Water Smart program, the Sonoran Institute (SI) developed a “toolbox” describing high-leverage opportunities to integrate water and land use planning. One of these opportunities lies in the development and effective implementation of Colorado’s Water Supply Adequacy rules. Our experience in training and assisting communities is that many of them have limited capacity and understanding in operationalizing these rules. We propose following up with select communities to better understand why some communities have been successful and others not to inform the development of technical and training resources to assist in effective rule implementation.

Method/Procedure:

SI will enhance the linkage between development approval and adequate water supply. This would include research and interviews with local governments on the current challenges with determining adequate water supply during development review, particularly with groundwater and individual wells, and result in specific models and methodologies for how communities can strengthen their regulations and processes to go beyond the State’s minimum standard. This work would further and operationalize initial research conducted by Anne Castle in 2016 and NWCCOG and Del Corazon Consulting in 2019.

Interviews would be conducted with staff and consultants in key counties (El Paso, Elbert, Douglas, Jefferson, La Plata, and Pitkin). Additional interviews would be conducted with water engineers, water consultants, and the State Engineer’s Office, to identify key barriers and develop recommendations to enhance adequate water supply policy and implementation.

This work would provide targeted information to enable effective implementation of adequate water supply rules. First, this project would offer an approach and methodology for water budget calculations that need to be submitted with development applications to quantify the amount of water a development will require. The methodology would offer approaches for situations where data is unavailable and estimates where historical use data is available, as well as guidance on how planning staff and commissioners can evaluate the community impacts of information submitted in the development application.

It will also establish a model protocol for water conservation plans to be negotiated as part of development proposals. The State statute permits a requirement that development approval be contingent on a water conservation plan. While there are a few case studies, such as Sterling Ranch in Douglas County and Eagle County’s use of water conservation plans within Planned Unit Development (PUD) agreements, this tool has rarely been used in Colorado. Additionally, most local government planning staff and planning commissioners are unaware of how to negotiate such an agreement. Drawing on lessons learned from case studies and other states, we would develop how-to guidance for planners and planning commissioners that outlines a clear process for how to draft a water conservation plan agreement, the required code language to enable this option, and the best water saving strategies to include as part of a development agreement.

These tools will then be incorporated into a 1-2-hour curriculum for planners and planning commissioners on how to review development proposals for adequate water supply, which will be delivered via an online webinar. This curriculum would be designed so that it could be shared with and integrated into the DOLA Planning Commissioner training. Additionally, a training session will be offered through the Colorado APA annual conference as a part of the Growing Water Smart track or by partnering with a regional organization to reach a similar audience. Lastly, the technical resources will be promoted through the Colorado Growing Water Smart workshop and be offered as potential follow-up technical assistance through that program.



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Deliverables:
<ol style="list-style-type: none">1. Summary of in-person interviews and research findings2. A best practices report on adequate water supply that includes:<ol style="list-style-type: none">a. A water demand calculation methodology (including well test standard best management practices) andb. A water conservation plan protocol3. A training curriculum that is delivered online and at the annual APA Colorado conference or similar venue.
Task 4 – Bridging the Gap
Description of Task: A stakeholder process to develop recommendations for more holistic planning around water transfers and water sharing proposals
<p>As Sonoran Institute and our partners have learned through many years of working on water supply and land use planning in Colorado and the West, water transfers and water supply sharing among jurisdictions is becoming more common as demands increase and supplies are impacted by drought. We have identified the need to learn from and share recent examples of water supply projects that effectively respond to these demands by looking at impacts in both areas from where water is transferred, and the areas where the water is needed. Our experience shows that an understanding of the interconnection between these areas provides a strong foundation for long term water supply planning and efficient water use and is more likely to result in successful, sustainable water projects that win the support of key stakeholders.</p> <p>Historically, water projects have been planned to move water from agricultural areas on the eastern plains, or from western slope headwaters to Front Range growth centers with little understanding of the environmental and socioeconomic impacts to the areas from where water was transferred. This is slowly changing—some recently proposed water development projects consider interests of and impacts to the area where the water originates while providing sustainable and secure water supplies to areas where water is needed. Examples include the Bessemer Ditch project in Pueblo County, the WISE partnership in the Front Range and South Metro areas, and the negotiated agreements for the Moffat and Windy Gap Firing Projects.</p> <p>In partnership with Northwest Colorado Council of Governments and a front range utility such as Denver Water and/or Northern Water that have planned and permitted successful projects, the Sonoran Institute will convene a diverse stakeholder group to identify a set of best practices that support effective partnerships, with an emphasis on early consultation on local land use and water supply planning in the face of increasing water scarcity.</p>
Method/Procedure:
<p>The Bridging the Gap initiative will facilitate two convenings of state officials; water utilities; front range, headwaters, and eastern plains local governments; and legal and technical experts. Participants will examine and discuss lessons learned from water supply projects involving water transfers or water sharing that successfully implement a holistic view of water planning and the impacts of water transfers. The goal is to develop a set of best management practices and other materials to share with local governments and water utilities that would serve to guide water planners and local governments in taking a wholistic and regional approach to their water supply planning efforts. In addition, a final report will document points of consensus, disagreement, and the need for additional information or training.</p>

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Sonoran Institute and our partners will first develop written materials describing the challenge and opportunity to effectively engage communities in more holistic water management related to proposed water transfers or water sharing, in preparation for the first of two sessions. Materials will include:

- Information on existing and proposed water diversions and transfers (source, destination, water supply amounts, existing and projected water demand needs).
- Challenges that lie ahead – focusing on population growth projections, vulnerabilities to water supplies, and Colorado's geographic challenges that lie at the heart of water conflicts.
- Need for holistic approach and early collaboration between areas needing water and areas exporting water, describing how effective partnerships and engagement can expedite project approval, build resilience into water project agreements, and use water efficiently and wisely through various decisions influencing water demand.
- Legal and policy tools for partnerships and engagement.
- Lessons learned and best practices from existing water agreements and partnerships such as the Bessemer Ditch project in Pueblo County, the South Platte River collaborative, the WISE partnership in the Front Range and South Metro areas, and the Colorado River Cooperative Agreement and other agreements underpinning the Moffat and Windy Gap FIRMing Projects.

The two convenings will be designed to bring together state officials; water utilities; front range, headwaters, and eastern plains local governments; and legal and technical experts. Stakeholder participation will be balanced to represent local governments with the need to develop water projects and local governments in areas from where water is likely to be taken. The first workshop will be focused on reviewing background materials with the goal of helping best describe the context and need for early consultation and engagement between local governments with water development projects and local governments in areas from where water is taken, and to identify opportunities for local or state actions that will facilitate early consultation and engagement. The second workshop will focus on reviewing and commenting on draft recommendations that will be included in the final report. Every effort will be made to have participating stakeholders endorse the recommendations in the final report. Should that not be possible, the final report will describe where there was consensus and where differences exist among stakeholders.

The Sonoran Institute will take the lead in organizing the overall stakeholder process and two convenings. With input and assistance from the Babbitt Center for Land and Water Policy, Colorado Water Conservation Board, Department of Local Affairs, and local government partners, we will identify and recruit participants to the stakeholder process. We also will be responsible for developing meeting agendas, distributing meeting materials, facilitating each convening, and preparing summaries of each convening. Convenings will be day-long meetings in a Front Range location. To the extent that participants are travelling long distances, they will be provided lodging for one night and their mileage will be reimbursed.

A final report will be drafted. Based on background materials, draft recommendations, and the input we receive from stakeholders, the final report will describe:

- The challenge and opportunity to more effectively engage communities in more holistic water project planning with descriptions of commonalities and differences in approaches.
- Case studies of prior agreements, focusing on lessons learned and best practices.
- Actions that local governments can take to advance more collaborative approaches and effective engagement in water project planning.

The goal of the final report is to provide a resource for elected officials, water managers, and other key stakeholders interested in water supply planning and development. The report will be summarized in a series of handouts and a presentation.

Last Updated: July 2019

Staff from the Sonoran Institute and partners will be responsible for drafting, editing, and designing the report, handouts, and presentation. Both organizations will enlist stakeholders to co-present to local and state officials. Where possible, we will seek to present as part of city or county “work sessions” (possibly as joint sessions involving multiple communities) and state hearings or advisory committee/board meetings. The findings from the report will also be integrated into the Growing Water Smart curriculum.

Deliverables:

1. Summaries of in-person interviews and research findings
2. A series of educational fact sheets providing background information that will be accessible to a non-technical audience, including local and state officials
3. List of participating stakeholders
4. Workshop agendas
5. Detailed workshop summaries describing major findings, areas of agreement, and next steps
6. Final report
7. Handouts and PowerPoint presentation to local and state officials
8. Calendar of 8 targeted presentations to local and state officials
9. Memo reporting on presentations’ feedback and findings

Last Updated: July 5, 2017



COLORADO

Colorado Water Conservation Board

Department of Natural Resources

Colorado Water Conservation Board

**Water Plan Grant - Exhibit A
Budget and Schedule**

Date: January 31, 2018

Name of Applicant: Sonoran Institute

Name of Water Project: Colorado Growing Water Smart

Task No.	Task Description	Start Date ⁽¹⁾	End Date	Grant Funding Request	Match Funding	Total
1	Introductory Training and Assistance	7/1/2020	6/30/2022	\$212,352	\$212,353	\$424,705
2	Metrics Pilot Demonstrations	7/1/2020	6/30/2022	\$88,367	\$88,367	\$176,734
3	Water Supply Adequacy Research and Resource Development	7/1/2020	6/30/2022	\$25,710	\$25,711	\$51,421
4	Bridging the Gap	7/1/2020	6/30/2022	\$70,244	\$70,244	\$140,488
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
Total				\$396,673	\$396,675	\$793,348

(1) Start Date for funding under \$100K, minimum 45 Days from Board Approval; Start Date for funding over \$100K, minimum 90 Days from Board Approval.
 ·Round values up to the nearest hundred dollars.
 ·Reimbursement eligibility commences upon the grantee's receipt of a Notice to Proceed (NTP)
 ·NTP will not be accepted as a start date. Project activities may commence as soon as grantee enters contract and receives formal NTP if prior to the listed "Start Date".
 ·The applicant shall provide a progress report every 6 months, beginning from the date of contract execution.
 ·CWCB will withhold disbursement of the last 10% of the total grant amount until a Final Report is completed to the satisfaction of CWCB staff (2017 CWP Grant Guidelines).



Water Plan Grant - Detailed Budget Estimate

Date:

1/31/2018

Name of Applicant:

Sonoran Institute

Name of Water Project:

Colorado Growing Water Smart

EXAMPLE A: Coordination

Task 1 - Introductory Training and Assistance

Expenses	Description	Amount
Employee Compensation	Stafftime dedicated to promoting, planning, designing, and hosting three workshops and coordinating or providing follow-up assistance	118,317
Consultant Fees & Expenses	Consultant fees, including 5.2K for preparing workshop materials and facilitating workshop and 1.5K each for two additional team facilitators = \$8,200 in fees per workshop x 3 workshops; consultant travel is \$500 for three consultants per workshop x 3 workshops = \$4,500	29,100
Subgrants & Subrecipients	Grants to communities for follow-up technical assistance (assumes one round of grants per year, 50K awarded each year)	100,000
Dues & Subscriptions	Annual dues to CO American Planning Association (\$400/year) and two-year subscription to <i>Denver Post</i> (\$100/year)	1,000
Meetings	Assumes 50 participants per workshop, \$500 per participant (including two nights lodging; one dinner, two lunches and two breakfasts; and snacks and coffee) = \$25,000 in meeting expenses x 3 workshops, as well as registration expenses at various annual planning and water conferences (\$1,250 per year)	77,500
Contributions & Sponsorships	Design and production of new CO APA "Water Smart" award and room rental and food and beverages for "Water Smart" session tracks and annual CO APA conference (2K/year x 2 years)	4,000
Design & Printing	Workshop workbook (2K/workbook x 3 workshops)	6,000
Travel and Meals	staff travel to promote, plan, design, and facilitate three workshops (500 travel per staff x 6 staff per workshop x 3 workshops = \$9,000); provide follow-up assistance (\$500 per trip to provide in-community assistance x 6 trips = \$3,000); and \$500 per trip to three conferences annually x 2 years = \$3,000)	15,000
Office Expenses	Includes rent, utilities, phone, and photocopying calculated based on stafftime dedicated to the project	3,004
Total, Direct Expenses		353,921
Indirect Expenses	20% of direct expenses (includes institutional finance and administration, communications, development, and board relations)	70,784
TOTAL EXPENSES		424,705

Task 2 - Metrics Pilot Demonstrations

Expenses	Description	Amount
Employee Compensation	Stafftime dedicated to planning, participating in, and communicating about metrics pilot demonstration projects	54,337
Consultant Fees & Expenses	Consultant fees and travel expenses, designing and facilitating two pilot demonstration projects (78K fees and 5K travel)	83,000
Meetings	Assumes 4 meetings, \$500 per meeting, per community x 2 pilot projects, as well as as registration expenses at various annual planning and water conferences (\$450 per year)	4,900
Travel and Meals	Staff travel to plan, participate in, and communicate about metrics pilot demonstration projects (\$500 per trip, 4 trips per community, 2 pilot projects)	4,000
Office Expenses	Includes rent, utilities, phone, and photocopying calculated based on stafftime dedicated to the project	1,041
Total, Direct Expenses		147,278
Indirect Expenses	20% of direct expenses (includes institutional finance and administration, communications, development, and board relations)	29,456
TOTAL EXPENSES		176,734

Task 3 - Water Supply Adequacy Research and Resource Development

Expenses	Description	Amount
Employee Compensation	Stafftime dedicated to researching, reviewing, and communicating about new water supply adequacy tools and resources	29,655
Consultant Fees & Expenses	Consultants fees and travel expenses, researching and developing water supply adequacy tools and resources (10.2K fees and 1K travel)	11,260
Meetings	Registration expenses at various annual planning and water conferences (\$450 per year)	900
Travel and Meals	Staff travel to pilot curriculum, \$500 for one trip	500
Office Expenses	Includes rent, utilities, phone, and photocopying calculated based on stafftime dedicated to the project	536
Total, Direct Expenses		42,851
Indirect Expenses	20% of direct expenses (includes institutional finance and administration, communications, development, and board relations)	8,570
TOTAL EXPENSES		51,421

Task 4 - Bridging the Gap

Expenses	Description	Amount
Employee Compensation	Stafftime dedicated to planning, facilitating, and communicating about a stakeholder process to develop recommendations for more holistic planning around water transfers and water sharing proposals	54,301
Consultant Fees & Expenses	Consultants fees and travel expenses, researching and developing water supply adequacy tools and resources (27K fees, 9K in outside policy expertise, and 1K travel expenses)	37,000
Meetings	Participant stipends (2K per meeting, 2 meetings) and room rental and food/beverages (\$500 per meeting, 2 meetings), as well as registration expenses at various annual planning and water conferences (\$800 per year)	6,600
Design, Printing & Postage	Design (\$5,000), printing (\$3,500), Production and mailing (\$500) of final report and related handouts; \$500 for production of materials for stakeholder meetings	9,500
Travel and Meals	Staff travel to stakeholder meetings (4 staff, \$500 per staff, two meetings) and outreach to state and local officials (8 presentations, \$500 per presentation)	8,000
Office Expenses	Includes rent, utilities, phone, and photocopying calculated based on stafftime dedicated to the project	1,672
Total, Direct Expenses		117,073
Indirect Expenses	20% of direct expenses (includes institutional finance and administration, communications, development, and board relations)	23,415
TOTAL EXPENSES		140,488

TOTAL ALL PROJECT EXPENSES

793,348

Name of Applicant Sonoran Institute
Name of Project Colorado Growing Water Smart
Task 1 Budget Detail

Employee	Year 1		Year 2		Grand Total
	Hours	Total	Hours	Total	
Assoc. Dir., Resilient Communities & Watersheds	\$ 46.49	844 \$ 39,237.56	\$ 47.49	732 \$ 34,762.68	\$ 74,000.24
Director, RC&W	\$ 45.72	144 \$ 6,583.68	\$ 47.00	84 \$ 3,948.00	\$ 10,531.68
Senior Dir., Programs	\$ 60.11	168 \$ 10,098.48	\$ 61.82	108 \$ 6,676.56	\$ 16,775.04
Manager, Marketing Communications	\$ 30.80	40 \$ 1,232.00	\$ 37.32	80 \$ 2,985.60	\$ 4,217.60
Associate, RC&W	\$ 28.02	180 \$ 5,043.60	\$ 28.29	40 \$ 1,131.60	\$ 6,175.20
Assoc. Dir., Finance & Administration	\$ 36.32	100 \$ 3,632.00	\$ 37.32	80 \$ 2,985.60	\$ 6,617.60
Total Hours		1476		1124	
Total Salaries and ERE		\$ 65,827.32		\$ 52,490.04	\$ 118,317.36
Consultant					
Del Corazon, Fee	100.00	104 \$ 10,400.00	100.00	52 \$ 5,200.00	\$ 15,600.00
Workshop Facilitators (2, TBD), Fee	100.00	60 \$ 6,000.00	100.00	30 \$ 3,000.00	\$ 9,000.00
Travel	500.00	6 \$ 3,000.00	500.00	3 \$ 1,500.00	\$ 4,500.00
Total Consultant Fees		\$ 16,400.00		\$ 8,200.00	\$ 29,100.00

Year One	AD, RCW	D, RCW	SDP	CM	A,RCW	A,FA
Draft & issue Request for Proposals	40	8	8	0	0	0
Recruit & select community teams	80	16	16	0	16	0
Revise & instruct re. community assessment	40	0	0	0	0	0
Prepare workbook	80	0	0	0	0	0
Prepare workshop agenda & recruit presenters	48	0	0	0	0	0
Workshop planning & logistics	80	0	0	0	80	0
Facilitate workshop	80	80	80	0	80	0
Workshop evaluation	32	0	0	0	0	0
Team follow up	24	0	0	0	0	0
Draft & issue technical assistance RFP	16	0	0	0	0	0
Review, approve and prepared TA agreements	40	4	4	0	0	0
Survey potential network participants	60	8	8	0	0	0
Manage network	40	0	0	0	0	0
Draft & issue COAPA awards RFP & pick recipients	24	4	4	0	4	0
Organize CO APA sessions	40	0	0	0	0	0
Project communications	40	0	0	40	0	0
Project management	80	24	48	0	0	100
Total Hours	844	144	168	40	180	100
Percentage of time	41%	7%	8%	2%	9%	5%

Year Two	AD, RCW	D, RCW	SDP	CM	A,RCW	A,FA
Draft & issue Request for Proposals	20	4	4	0	0	0
Recruit & select community teams	40	8	8	0	0	0
Revise & instruct re. community assessment	20	0	0	0	0	0
Prepare workbook	40	0	0	0	0	0
Prepare workshop agenda & recruit presenters	24	0	0	0	0	0
Workshop planning & logistics	40	0	0	0	0	0
Facilitate workshop	40	40	40	0	40	0
Workshop evaluation	16	0	0	0	0	0
Team follow up	24	0	0	0	0	0
Draft & issue technical assistance RFP	24	0	0	0	0	0
Review, approve and prepared TA agreements	40	4	4	0	0	0
Survey potential network participants	0	0	0	0	0	0
Manage network	140	0	0	0	0	0
Draft & issue COAPA awards RFP & pick recipients	24	4	4	0	0	0
Organize CO APA sessions	40	0	0	0	0	0
Project communications	120	0	0	80	0	0
Project management	80	24	48	0	0	80
Total Hours	732	84	108	80	40	80
Percentage of time	35%	4%	5%	4%	2%	4%

Name of Applicant Sonoran Institutue
Name of Project Colorado Growing Water Smart
Task 2 Budget Detail

Employee	Year 1		Year 2		Grand Total
	Hours	Total	Hours	Total	
Assoc. Dir., Resilient Communities & Watersheds	\$ 46.49	416 \$ 19,339.84	\$ 47.49	416 \$ 19,755.84	\$ 39,095.68
Director, RC&W	\$ 45.72	48 \$ 2,194.56	\$ 47.00	48 \$ 2,256.00	\$ 4,450.56
Senior Dir., Programs	\$ 60.11	42 \$ 2,524.62	\$ 61.82	42 \$ 2,596.44	\$ 5,121.06
Manager, Marketing Communications	\$ 30.80	40 \$ 1,232.00	\$ 37.32	40 \$ 1,492.80	\$ 2,724.80
Associate, RC&W	\$ 28.02	0 \$ -	\$ 28.29	0 \$ -	\$ -
Assoc. Dir., Finance & Administration	\$ 36.32	40 \$ 1,452.80	\$ 37.32	40 \$ 1,492.80	\$ 2,945.60
Total Hours		586		586	
Total Salaries and ERE		\$ 26,743.82		\$ 27,593.88	\$ 54,337.70
Consultant					
Brendle Group, Fees	150.00	300 \$ 45,000.00	150.00	220 \$ 33,000.00	\$ 78,000.00
Brendle Group, Travel	625.00	5 \$ 3,125.00	625.00	3 \$ 1,875.00	\$ 5,000.00
Total Consultant Fees		\$ 45,000.00		\$ 33,000.00	\$ 78,000.00

Year One	AD, RCW	D, RCW	SDP	CM	A,RCW	A,FA
Presentations to CML & CCI	16	0	0	0	0	0
Draft & issue RFP	16	4	4	0	0	0
Develop & host webinar for applicants	32	8	0	0	0	0
Review applications & select participant	24	8	8	0	0	0
Prep call with selected community	8	0	0	0	0	0
Prepare for & facilitate "Anchor" workshop	24	0	0	0	0	0
Follow-up call	8	0	0	0	0	0
Prepare for & facilitate "Define" workshop	24	0	0	0	0	0
Follow-up call	8	0	0	0	0	0
Prepare for & facilitate "Activate" workshop	24	0	0	0	0	0
Follow-up call	8	0	0	0	0	0
Prepare for & facilitate "Assessment" workshop	24	0	0	0	0	0
Follow-up call	8	0	0	0	0	0
Provide follow-up technical assistance	80	0	0	0	0	0
Draft & circulate pilot demonstration report	24	8	8	0	0	0
Finalize report	8	0	0	0	0	0
Project communications	40	0	0	40	0	0
Project management	40	20	22	0	0	40
Total Hours	416	48	42	40	0	40
Percentage of time	20%	2%	2%	2%	0%	2%

Year Two	AD, RCW	D, RCW	SDP	CM	A,RCW	A,FA
Presentations to CML & CCI	16	0	0	0	0	0
Draft & issue RFP	16	4	4	0	0	0
Develop & host webinar for applicants	32	8	0	0	0	0
Review applications & select participant	24	8	8	0	0	0
Prep call with selected community	8	0	0	0	0	0
Prepare for & facilitate "Anchor" workshop	24	0	0	0	0	0
Follow-up call	8	0	0	0	0	0
Prepare for & facilitate "Define" workshop	24	0	0	0	0	0
Follow-up call	8	0	0	0	0	0
Prepare for & facilitate "Activate" workshop	24	0	0	0	0	0
Follow-up call	8	0	0	0	0	0
Prepare for & facilitate "Assessment" workshop	24	0	0	0	0	0
Follow-up call	8	0	0	0	0	0
Provide follow-up technical assistance	80	0	0	0	0	0
Draft & circulate pilot demonstration report	24	8	8	0	0	0
Finalize report	8	0	0	0	0	0
Project communications	40	0	0	40	0	0
Project management	40	20	22	0	0	40
Total Hours	416	48	42	40	0	40
Percentage of time	20%	2%	2%	2%	0%	2%

Name of Applicant
Name of Project
Task 3 Budget Detail

Sonoran Institutue
Colorado Growing Water Smart

Employee	Year 1		Year 2		Grand Total
	Hours	Total	Hours	Total	
Assoc. Dir., Resilient Communities & Watersheds	\$ 46.49	280 \$ 13,017.20	\$ 47.49	200 \$ 9,498.00	\$ 22,515.20
Director, RC&W	\$ 45.72	16 \$ 731.52	\$ 47.00	24 \$ 1,128.00	\$ 1,859.52
Senior Dir., Programs	\$ 60.11	16 \$ 961.76	\$ 61.82	24 \$ 1,483.68	\$ 2,445.44
Manager, Marketing Communications	\$ 30.80	20 \$ 616.00	\$ 37.32	20 \$ 746.40	\$ 1,362.40
Associate, RC&W	\$ 28.02	0 \$ -	\$ 28.29	0 \$ -	\$ -
Assoc. Dir., Finance & Administration	\$ 36.32	20 \$ 726.40	\$ 37.32	20 \$ 746.40	\$ 1,472.80
Total Hours		352		288	
Total Salaries and ERE		\$ 16,052.88		\$ 13,602.48	\$ 29,655.36
Consultant					
Del Corazon, Fees	90.00	70 \$ 6,300.00	90.00	44 \$ 3,960.00	\$ 10,260.00
Del Corazon, Travel	500.00	0 \$ -	500.00	2 \$ 1,000.00	\$ 1,000.00
Total Consultant Fees		\$ 6,300.00		\$ 3,960.00	\$ 11,260.00

Year One	AD, RCW	D, RCW	SDP	CM	A,RCW	A,FA
Conduct research and prepare summary report	40	0	0	0	0	0
Draft methodology for water demand calculations	40	4	4	0	0	0
Finalize methodology	40	0	0	0	0	0
Draft water conservation negotiation protocol	40	4	4	0	0	0
Finalize protocol	40	0	0	0	0	0
Project communications	40	0	0	20	0	0
Project management	40	8	8	0	0	20
Total Hours	280	16	16	20	0	20
Percentage of time	13%	1%	1%	1%	0%	1%

Year Two	AD, RCW	D, RCW	SDP	CM	A,RCW	A,FA
Draft training curriculum	40	8	8	0	0	0
Pilot curriculum through webinar and CO APA session	40	4	4	0	0	0
Finalize curriculum	40	4	4	0	0	0
Project communications	40	0	0	20	0	0
Project management	40	8	8	0	0	20
Total Hours	200	24	24	20	0	20
Percentage of time	10%	1%	1%	1%	0%	1%

Name of Applicant
Name of Project
Task 4 Budget Detail

Sonoran Institutue
Colorado Growing Water Smart

Employee	Year 1		Year 2		Grand Total
	Hours	Total	Hours	Total	
Assoc. Dir., Resilient Communities & Watersheds	46.49	\$ 16,364.48	352	\$ 17,096.40	\$ 33,460.88
Director, RC&W	45.72	\$ 3,291.84	72	\$ 1,692.00	\$ 4,983.84
Senior Dir., Programs	60.11	\$ 4,808.80	80	\$ 2,720.08	\$ 7,528.88
Manager, Marketing Communications	30.80	\$ 1,478.40	48	\$ 3,134.88	\$ 4,613.28
Associate, RC&W	28.02	\$ 2,241.60	80	\$ -	\$ 2,241.60
Assoc. Dir., Finance & Administration	36.32	\$ 726.40	20	\$ 746.40	\$ 1,472.80
Total Hours		652		544	
Total Salaries and ERE		\$ 28,911.52		\$ 25,389.76	\$ 54,301.28
Consultant					
NW CO Council of Governments, Fees	90.00	\$ 17,200.00	172	\$ 9,800.00	\$ 27,000.00
NW CO Council of Governments, Travel	250.00	\$ 500.00	2	\$ 500.00	\$ 1,000.00
Sullivan Green Seavy	300.00	\$ 4,500.00	45	\$ 4,500.00	\$ 9,000.00
Total Consultant Fees		\$ 22,200.00		\$ 14,800.00	\$ 37,000.00

Year One	AD, RCW	D, RCW	SDP	CM	A,RCW	A,FA
Ressearch & prepare background written materials	80	6	6	8	0	0
Identify & recruit stakeholders	40	0	0	0	0	0
Design stakeholder process	40	6	6	0	8	0
Prepare for & facilitate first stakeholder workshop	40	16	16	0	40	0
Draft meeting summary & host follow-up call with partners	16	6	6	0	0	0
Prepare for & facilitate second stakeholder workshop	40	16	16	0	40	0
Draft meeting summary & host follow-up call with partners	16	6	6	0	0	0
Project communications	40	0	0	40	0	0
Project management	40	16	24	0	0	20
Total Hours	352	72	80	48	88	20
Percentage of time	17%	3%	4%	2%	4%	1%

Year Two	AD, RCW	D, RCW	SDP	CM	A,RCW	A,FA
Draft report & review with partners	40	8	8	0	0	0
Finalize report	40	4	4	32	0	0
Develop outreach plan	16	4	4	4	0	0
Develop handouts & presentation	24	4	4	8	0	0
Presentations to local and state officials	160	0	0	0	0	0
Project communications	40	0	0	40	0	0
Project management	40	16	24	0	0	20
Total Hours	360	36	44	84	0	20
Percentage of time	17%	2%	2%	4%	0%	1%

P.O. Box 2308 • Silverthorne,
Colorado 80498



970-468-0295 • Fax 970-468-1208
qqwater@nwccog.org

January 28, 2020

Colorado Water Conservation Board
1313 Sherman Street
Denver, CO 80203

**RE: In-Kind Support for the Sonoran Institute’s Water Plan grant
application: *Bridging the Gap***

To the Colorado Water Conservation Board and Staff:

The Northwest Colorado Council of Governments Water Quality/ Quantity Committee (QQ) writes in support of the Colorado’s Water Plan grant application from the Sonoran Institute, titled “Bridging the Gap.” We plan to provide approximately \$13,950 in in-kind support.

QQ comprises municipalities, counties, water and sanitation districts, and conservancy districts in the headwaters region of Colorado located in Grand, Summit, Eagle, Pitkin, and Gunnison counties. QQ’s purpose is to facilitate and augment the efforts of member jurisdictions to protect and enhance the region’s water quality while encouraging its responsible use for the good of Colorado citizens and the environment.

QQ members have successfully negotiated agreements with Front Range water providers that protect and benefit water resources in the basin of origin while honoring the needs of the water supplier—including Eagle River MOU, the negotiated agreement and 1041 permit for Windy Gap Firing Project, the CRCA, Wolford Reservoir joint operations, and proposed mitigation for Moffat expansion.

The Sonoran Institute's proposal is a effort to provide education and dialogue around the types of joint impacts of diversions between communities in the basin of origin and in the area receiving water, a subject in which QQ has experience. We look forward to working with Sonoran to share those experiences.

Sincerely,

A handwritten signature in cursive script that reads "Torie Jarvis".

Torie Jarvis

QQ Director

qqwater@nwccog.org

970-596-5039

www.nwccog-qq.org



BABBITT CENTER
FOR LAND AND WATER POLICY

A Center of the Lincoln Institute of Land Policy

January 27, 2020

Colorado Water Conservation Board
1313 Sherman St., Room 718
Denver, CO 80203

Dear Members of the Board:

The Babbitt Center for Land and Water Policy, a Center of the Lincoln Institute of Land Policy, is pleased to provide this letter of support as documentation of our continued support of our partnership with the Sonoran Institute. Specifically, Babbitt Center supports the Colorado Growing Water Smart program of training and assistance to communities seeking to better integrate water and land use planning. The Lincoln Institute has maintained a Joint Program with the Sonoran Institute for nearly 20 years, and since the beginning of the Growing Water Smart workshops we have provided at least \$100,000 and up to \$150,000 per year in support of this program in Colorado and for the Sonoran Institute's participation in Colorado's Land and Water Planning Alliance.

Although we cannot make commitments for fiscal years 2021 and 2022 in advance of actions by the Lincoln Institute's Board of Directors, I can assure you that the staff of the Babbitt Center proposes to continue the current level of funding. In addition, the support provided by the Colorado Water Conservation Board significantly increases our commitment to funding Colorado Growing Water Smart..

Sincerely,

Jim Holway, Ph.D.
Director, Babbitt Center for Land and Water Policy



LINCOLN INSTITUTE
OF LAND POLICY



February 25, 2020

Kevin Reidy
State Water Conservation Technical Specialist
Colorado Water Conservation Board
1313 Sherman Street, Room 721
Denver, CO 80203

Dear Mr. Reidy:

The Northern Colorado Water Conservancy District (Northern Water) writes in support of Colorado's Water Plan grant application from the Sonoran Institute, titled "Colorado Growing Water Smart."

We plan to be a co-sponsor of the "Bridging the Gap" project described in the application, providing an estimated \$4,430 in-kind match for about 32 hours of staff time.

Northern Water provides water resources management, project operations, and conservation services for beneficiaries within our district. We provide the raw water supply that serves close to 1,000,000 people with drinking water and irrigation water for 650,000 acres of farmland in northern Colorado. As a regional water provider, we bear the responsibility of ensuring that current and future water needs are reliably met in a manner that makes the most efficient and responsible use of the resource.

The South Platte Basin faces a municipal supply gap of about 365,000 acre-feet of water. Competing demands for a limited resource have resulted in increased pressures on native supplies in northeastern Colorado, not unlike those the West Slope has been experiencing for decades from the Front Range. We understand the multifaceted aspects of water supply planning having a presence on both sides of the Continental Divide with our existing and planned water projects. At the same time, water resources in our district have been contemplated as a potential supply by other water providers within the South Platte Basin. Northern Water supports the holistic approach to water supply planning discussed in the grant application that brings together water providers and areas potentially impacted by water development activities.

The Sonoran Institute's proposal is a critical resource for assisting communities in meeting the goals of the Colorado Water Plan, and we look forward to working with the Sonoran Institute in achieving this important endeavor.

Sincerely,



Esther Vincent
Director of Environmental Services

js



16 March 2020

Colorado Water Conservation Board
Water Plan Grants Program
1313 Sherman St.
Denver, CO 80203

CWCB Staff,

The Gates Family Foundation is proud to support the Sonoran Institute's application for funding support through the Colorado Water Conservation Board (CWCB)'s Water Plan Implementation Grants program to further its visionary Growing Water Smart workshops and related strategic partnerships with communities. This collaborative effort promises to serve as a catalyst for evolving land use and water planning practices, applied learning, and directly engaging community leaders.

The Gates Family Foundation has supported the valuable work that the Sonoran Institute is undertaking to further the water and land use goal described in the Colorado Water Plan. This has included the Growing Water Smart workshops, the establishment of a suite of metrics to measure progress and impact towards water and land use integration, and the engagement of the development community in identifying barriers and opportunities for building in a water-efficient manner.

To continue this work, Gates has invited the Sonoran Institute to apply for \$200,000 in funding in its Spring 2021 funding cycle, with \$150,000 of this funding to be dedicated as a match to the "Growing Water Smart" project the Sonoran Institute has applied to CWCB to help fund.

We look forward to continuing to further resilient water resource management in Colorado communities by funding the Sonoran Institute's work in partnership with the CWCB.

Sincerely,

A handwritten signature in black ink, appearing to read 'Russ Schnitzer', written over a light-colored background.

Russ Schnitzer
Senior Program Officer, Natural Resources

A handwritten signature in black ink, appearing to read 'Whitney Johnson', written over a light-colored background.

Whitney Johnson
Program Officer, Natural Resources and
Community Development