



**Colorado Water Conservation Board**

**Water Plan**

**Water Project Summary**

Name of Applicant	Sonoran Institute	
Name of Water Project	Project-01897 Colorado Growing Water Smart	
Grant Request Amount		<b>\$360,466.00</b>
Primary Category		\$360,466.00
<i>Conservation &amp; Land Use Planning</i>		
Total Applicant Match		<b>\$0.00</b>
<i>Applicant Cash Match</i>		
<i>Applicant In-Kind Match</i>		
Total Other Sources of Funding		<b>\$365,466.00</b>
<i>Northern Colorado Water Conservancy District</i>		\$50,000.00
<i>Northern Colorado Water Conservancy District</i>		\$15,000.00
<i>Colorado River Water Conservation District</i>		\$102,000.00
<i>Gates Family Foundation</i>		\$198,466.00
Total Project Cost		<b>\$725,932.00</b>

**Applicant & Grantee Information**

Name of Grantee: Sonoran Institute  
 Mailing Address: 100 N. Stone Ave., Suite 1001 Tucson AZ 85701  
 FEIN: 860,684,610

Organization Contact: Waverly Klaw  
 Position/Title: Director, Resilient Communities and Watersheds  
 Phone: 720-340-0020  
 Email: [wklaw@sonoraninstitute.org](mailto:wklaw@sonoraninstitute.org)

Organization Contact - Alternate: John Shepard  
 Position/Title: Senior Adviser  
 Phone:  
 Email: [jshepard@sonoraninstitute.org](mailto:jshepard@sonoraninstitute.org)

Grant Management Contact: Waverly Klaw  
 Position/Title: Director, Resilient Communities and Watersheds  
 Phone: 720-340-0020  
 Email: [wklaw@sonoraninstitute.org](mailto:wklaw@sonoraninstitute.org)

Grant Management Contact - Alternate: Mike Zellner  
 Position/Title: CEO  
 Phone:  
 Email: [mzellner@sonoraninstitute.org](mailto:mzellner@sonoraninstitute.org)

### Description of Grantee/Applicant

No description provided

### Type of Eligible Entity

- Public (Government)
- Public (District)
- Public (Municipality)
- Ditch Company
- Private Incorporated
- Private Individual, Partnership, or Sole Proprietor
- Non-governmental Organization
- Covered Entity
- Other

### Category of Water Project

- Agricultural Projects  
*Developing communications materials that specifically work with and educate the agricultural community on headwater restoration, identifying the state of the science of this type of work to assist agricultural users among others.*
- Conservation & Land Use Planning  
*Activities and projects that implement long-term strategies for conservation, land use, and drought planning.*
- Engagement & Innovation Activities  
*Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application on the website.*
- Watershed Restoration & Recreation  
*Projects that promote watershed health, environmental health, and recreation.*
- Water Storage & Supply  
*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.*

### Location of Water Project

Latitude	39.531548
Longitude	-105.027145
Lat Long Flag	Default/Proponent headquarters: If the location cannot be defined with flags above, use location of project proponent headquarters
Water Source	
Basins	South Platte; Colorado; Yampa/White/Green
Counties	Larimer; Weld; Broomfield; Mesa; Moffat; Rio Blanco; Routt
Districts	

### Water Project Overview

Major Water Use Type	Municipal
Subcategory	
Scheduled Start Date - Design	
Scheduled Start Date - Construction	

## Description

Colorado Growing Water Smart (CGWS) builds the capacity of local jurisdictions to plan and implement strategies for the integration of land use and water. With our partners, Sonoran Institute provides research, convening, training, technical assistance, and other resources to communities that allow them to better respond to current and future water supply and demand, understand the range of land use planning tools to align growth and development with forecasted water supplies, and engage their community to build support for needed plans and policies.

SI sees a strategic opportunity to expand and deepen our activities from 2022-2024 to include:

1. Training, education, and networking through two Growing Water Smart workshops for communities in Northern Colorado and the West Slope to actively incorporate water-saving actions into land-use planning.
2. Technical Assistance grants and support provided directly to past community participants of the Growing Water Smart workshops to implement water-wise land use planning activities.
3. Developing and carrying out a Resilient Water Supply Planning workshop, using the Growing Water Smart training model, to engage elected officials, water providers, and land use planners in assessing community values and goals regarding water supply, storage, and reuse projects.
4. Providing facilitation and technical assistance to guide two communities to develop metrics to benchmark, target, and track the progress toward and impact of water and land use integration.

## Measurable Results

	New Storage Created (acre-feet)
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
	Existing Storage Preserved or Enhanced (acre-feet)
	New Storage Created (acre-feet)
	Length of Stream Restored or Protected (linear feet)
	Efficiency Savings (dollars/year)
	Efficiency Savings (acre-feet/year)
	Area of Restored or Preserved Habitat (acres)
	Quantity of Water Shared through Alternative Transfer Mechanisms or water sharing agreement (acre-feet)
1,100,000	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning
150	Number of Coloradans Impacted by Engagement Activity

## Water Project Justification

SB 15-008 tasked CWCB and the Colorado Department of Local Affairs with carrying out land-use trainings across Colorado in order to help realize Colorado's Water Plan goal of "by 2025, 75 percent of Coloradans will live in communities that have incorporated water-saving actions into land-use planning."

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 water conservation, efficiency, and reuse. To date, Sonoran Institute has trained staff and officials from communities in which 62% of Coloradans live. If we continue to conduct at least one training workshop a year with 5-7 communities participating in each workshop, we will exceed the 75% goal by 2025.

## Related Studies

The Growing Water Smart program is supported by several studies and, in turn, supports several other programs. These include Sonoran Institute's Growing Water Smart Metrics: Tracking the Integration of Water and Land Use Planning (2020), Northwest Colorado Council of Government Water Quality and Quantity Committee's Water Savings Resource Guide and Model Provisions for the Colorado Headwaters Region, and the Babbitt Center for Land and Water Policy's Incorporating Water into Comprehensive Planning: A Manual for Land Use Planners in the Colorado River Basin.

Conversely, graduates of the Growing Water Smart workshop often go on to work with WaterNow Alliance and Western Resource Advocates' Project Accelerator or join CWCB and DOLA's Colorado Water and Land Use Planning Alliance. There is also growing synergy and relationship building between the Growing Water Smart program and the Colorado Basin Roundtables.

### Taxpayer Bill of Rights

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

### Budget and Schedule

This Statement of Work shall be accompanied by a combined Budget and Schedule that reflects the Tasks identified in the Statement of Work and shall be submitted to CWCB in excel format.

### Reporting Requirements

**Progress Reports:** The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of issuance of a purchase order, or the execution of a contract. The progress report shall describe the status of the tasks identified in the statement of work, including a description of any major issues that have occurred and any corrective action taken to address these issues.

**Final Report:** At completion of the project, the applicant shall provide the CWCB a Final Report on the applicant's letterhead that: (1) Summarizes the project and how the project was completed. (2) Describes any obstacles encountered, and how these obstacles were overcome. (3) Confirms that all matching commitments have been fulfilled. (4) Includes photographs, summaries of meetings and engineering reports/designs. The CWCB will pay out the last 10% of the budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

### Payment

Payment will be made based on actual expenditures and must include invoices for all work completed. The request for payment must include a description of the work accomplished by task, an estimate of the percent completion for individual tasks and the entire Project in relation to the percentage of budget spent, identification of any major issues, and proposed or implemented corrective actions. Costs incurred prior to the effective date of this contract are not reimbursable. The last 10% of the entire grant will be paid out when the final deliverable has been received. All products, data and information developed as a result of this contract must be provided to as part of the project documentation.

### Performance Measures

Performance measures for this contract shall include the following: (a) Performance standards and evaluation: Grantee will produce detailed deliverables for each task as specified. Grantee shall maintain receipts for all project expenses and documentation of the minimum in-kind contributions (if applicable) per the budget in the

Budget & Schedule Exhibit B. Per Water Plan Grant Guidelines, the CWCB will pay out the last 10% of the budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment. (b) Accountability: Per Water Plan Grant Guidelines full documentation of project progress must be submitted with each invoice for reimbursement. Grantee must confirm that all grant conditions have been complied with on each invoice. In addition, per Water Plan Grant Guidelines, Progress Reports must be submitted at least once every 6 months. A Final Report must be submitted and approved before final project payment. (c) Monitoring Requirements: Grantee is responsible for ongoing monitoring of project progress per Exhibit A. Progress shall be detailed in each invoice and in each Progress Report, as detailed above. Additional inspections or field consultations will be arranged as may be necessary. (d) Noncompliance Resolution: Payment will be withheld if grantee is not current on all grant conditions. Flagrant disregard for grant conditions will result in a stop work order and cancellation of the Grant Agreement.



Last Updated: May 2021

**Colorado Water Conservation Board**

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**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 & Supply Projects	Matthew.Stearns@state.co.us
Conservation, Land Use Planning	Kevin.Reidy@state.co.us
Engagement & Innovation Activities	Ben.Wade@state.co.us
Agricultural Projects	Alexander.Funk@state.co.us
Water Sharing & ATM Projects	Alexander.Funk@state.co.us
Environmental & Recreation Projects	Chris.Sturm@state.co.us

**FINAL SUBMISSION: Submit all application materials in one email to [waterplan.grants@state.co.us](mailto: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		\$360,466
Other Funding Sources: Gates Family Foundation		\$200,000
Other Funding Sources: Northern Colorado Water Conservancy District		\$65,000
Other Funding Sources: Colorado River Water Conservation District		\$102,000
Other Funding Sources: _____		
Applicant Funding Contribution		\$ 365,466
Total Project Cost		\$725,933



Last Updated: May 2021

<b>Applicant &amp; Grantee Information</b>	
Name of Grantee(s):	Sonoran Institute
Mailing Address:	PO Box 9792, Denver, CO 80209
FEIN:	86-0684610
Organization Contact:	Waverly Klaw
Position/Title:	Director, Resilient Communities and Watersheds
Email:	wklaw@sonoraninstitute.org
Phone:	720-340-0020
Grant Management Contact:	Kim Egita
Position/Title:	Chief Finance and Administration Officer
Email:	kegita@sonoraninstitute.org
Phone:	520-405-4082
Name of Applicant (if different than grantee):	Same
Mailing Address	
Position/Title	
Email	
Phone	
<b>Description of Grantee/Applicant</b>	
Provide a brief description of the grantee's organization (100 words or less).	
<p>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.</p>	



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Type of Eligible Entity (check one)	
	<b>Public (Government):</b> 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.
	<b>Public (Districts):</b> Authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises.
	<b>Private Incorporated:</b> Mutual ditch companies, homeowners associations, corporations.
	<b>Private Individuals, Partnerships, and Sole Proprietors:</b> Private parties may be eligible for funding.
X	<b>Non-governmental organizations (NGO):</b> Organization that is not part of the government and is non-profit in nature.
	<b>Covered Entity:</b> As defined in <a href="#">Section 37-60-126 Colorado Revised Statutes</a> .

Type of Water Project (check all that apply)	
	Study
	Construction
X	Other

Category of Water Project (check the primary category that applies and include relevant tasks)			
	<p>Water Storage &amp; Supply - Projects that facilitate the development of additional storage, artificial aquifer recharge, and dredging existing reservoirs to restore the reservoirs' full decreed capacity, multi-beneficial projects, water sharing agreements, Alternative Transfer Methods, and those projects identified in basin implementation plans to address the water supply and demand gap.  <i>Applicable Exhibit A Task(s):</i></p> <p><b>Note:</b> For Water Sharing Agreements or ATM Projects - please include the <a href="#">supplemental application</a> available on the CWCB's website.</p>		
X	<p>Conservation and Land Use Planning - Activities and projects that implement long-term strategies for conservation, land use, water efficiency, and drought planning.  <i>Applicable Exhibit A Task(s): 1) Growing Water Smart workshops, 2) Technical Assistance, 3) Resilient Water Supply workshops, and 4) Water and Land Use Metrics</i></p>		
	<p>Engagement &amp; Innovation - Activities and projects that support water education, outreach, and innovation efforts.  <i>Applicable Exhibit A Task(s):</i></p>		
	<p>Agricultural - Projects that provide technical assistance and improve agricultural efficiency.  <i>Applicable Exhibit A Task(s):</i></p>		
	<p>Environmental &amp; Recreation - Projects that promote watershed health, environmental health, and recreation.  <i>Applicable Exhibit A Task(s):</i></p>		
	<table border="1"> <tr> <td>Other</td> <td>Explain:</td> </tr> </table>	Other	Explain:
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	39.531548 (CO Office coordinates)
Longitude	-105.027145

### Water Project Overview

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.

The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, Other Funding Sources/Amounts and Schedule.



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Colorado Growing Water Smart (CGWS) builds the capacity of local jurisdictions to plan and implement strategies for the integration of land use and water. With our partners, Sonoran Institute provides research, convening, training, technical assistance, and other resources to communities that allow them to better respond to current and future water supply and demand, understand the range of land use planning tools to align growth and development with forecasted water supplies, and engage their community to build support for needed plans and policies.

SI sees a strategic opportunity to expand and deepen our activities from 2022-2024 to include:

1. Training, education, and networking through two Growing Water Smart workshops for communities in Northern Colorado and the West Slope to actively incorporate water-saving actions into land-use planning.
2. Technical Assistance grants and support provided directly to past community participants of the Growing Water Smart workshops to implement water-wise land use planning activities.
3. Developing and carrying out a Resilient Water Supply Planning workshop, using the Growing Water Smart training model, to engage elected officials, water providers, and land use planners in assessing community values and goals regarding water supply, storage, and reuse projects.
4. Providing facilitation and technical assistance to guide two communities to develop metrics to benchmark, target, and track the progress toward and impact of water and land use integration.

These activities are expected to impact 1,100,000 Coloradans, covering approximately 19% of Colorado's total population in at least three of Colorado's basins.

### 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 Non-consumptive
	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 or water sharing agreement
1,100,000	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning
150	Number of Coloradans Impacted by Engagement Activity
	Other Explain:



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### Water Project Justification

Provide a description of how this water project supports the goals of [Colorado's Water Plan](#), the [Analysis and Technical Update to the Water Plan](#), 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).

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;)

SB 15-008 tasked CWCB and the Colorado Department of Local Affairs with carrying out land-use trainings across Colorado in order to help realize Colorado's Water Plan goal of "by 2025, 75 percent of Coloradans will live in communities that have incorporated water-saving actions into land-use planning."

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 water conservation, efficiency, and reuse. To date, Sonoran Institute has trained staff and officials from communities in which 62% of Coloradans live. If we continue to conduct at least one training workshop a year with 5-7 communities participating in each workshop, we will exceed the 75% goal by 2025.

### 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.

The Growing Water Smart program is supported by several studies and, in turn, supports several other programs. These include Sonoran Institute's *Growing Water Smart Metrics: Tracking the Integration of Water and Land Use Planning (2020)*, Northwest Colorado Council of Government Water Quality and Quantity Committee's *Water Savings Resource Guide and Model Provisions for the Colorado Headwaters Region*, and the Babbitt Center for Land and Water Policy's *Incorporating Water into Comprehensive Planning: A Manual for Land Use Planners in the Colorado River Basin*.

Conversely, graduates of the Growing Water Smart workshop often go on to work with WaterNow Alliance and Western Resource Advocates' *Project Accelerator* or join CWCB and DOLA's Colorado Water and Land Use Planning Alliance. There is also growing synergy and relationship building between the Growing Water Smart program and the Colorado Basin Roundtables.

### 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.



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- 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.
- 2) Sonoran Institute, 2) Colorado Growing Water Smart, 3) Gregory Johnson, 4) July 15, 2020, 5) CMS 163943, CTGG1 2021-2246, 6) 50% CWCB and 50% 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.

### Submittal Checklist

X	I acknowledge the Grantee will be able to contract with CWCB using the <a href="#">Standard Contract</a> .
X	Statement of Work <sup>(1)</sup>
X	Budget & Schedule <sup>(1)</sup>
	Engineer's statement of probable cost (projects over \$100,000)
X	Letters of Matching and/or Pending 3 <sup>rd</sup> Party Commitments <sup>(1)</sup> (Gates Family Foundation, Colorado River District, and Northern Water)
	Map (if applicable) <sup>(1)</sup>
	Photos/Drawings/Reports
X	Letters of Support (Optional) (Northwest Colorado Council of Governments, Grand County)
X	Certificate of Insurance (General, Auto, & Workers' Comp.) <sup>(2)</sup>
X	Certificate of Good Standing with Colorado Secretary of State <sup>(2)</sup>
X	W-9 <sup>(2)</sup>
	Independent Contractor Form <sup>(2)</sup> (If applicant is individual, not company/organization)
Water Sharing Agreements and Alternative Transfer Methods ONLY	
	Water Sharing Agreements and Alternative Transfer Methods <a href="#">Supplemental Application</a> <sup>(1)</sup>

(1) Required with application.

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

Last Updated: May 2021

<b>Colorado Water Conservation Board</b>
<b>Water Plan Grant - Exhibit A</b>

Statement Of Work	
<b>Date:</b>	December 1, 2021
<b>Name of Grantee:</b>	Sonoran Institute
<b>Name of Water Project:</b>	Colorado Growing Water Smart
<b>Funding Source:</b>	CWCB, Colorado River Water Conservation District, Northern Colorado Water Conservancy District, Gates Family Foundation
<b>Water Project Overview:</b>	
<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. With our partners across Colorado and the Colorado River Basin, Sonoran Institute 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 training and assistance program offered since 2017, SI is proposing to expand and deepen our activities to include:</p> <ol style="list-style-type: none"> <li>1. Continued training, education, and networking through the Growing Water Smart workshop for communities to actively incorporate water-saving actions into land-use planning. This task includes two regional trainings planned for northern Colorado and the West Slope and delivery of education, training, and mentorship through the Peer-to-Peer network.</li> <li>2. Technical Assistance grants and support provided directly to past community participants of the Growing Water Smart workshops to implement water-wise land use planning activities. This task includes 10 technical assistance grants at \$10,000 each.</li> <li>3. Developing and carrying out a Resilient Water Supply Planning workshop, using the Growing Water Smart training model, to engage elected officials, water providers, and land use planners in assessing community values and goals regarding water supply, storage, and reuse projects. This task includes one multi-day workshop with 4-6 teams of community representatives.</li> <li>4. Providing facilitation and technical assistance to guide two communities in developing metrics to benchmark, target, and track the progress toward and impact of water and land use integration.</li> </ol> <p>These activities are expected to impact 1,100,000 Coloradans, covering approximately 19% of Colorado's total population, and impact water conservation, land use, and water supply planning in at least three of Colorado's basins.</p>	
<b>Project Objectives:</b>	



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By 2024,

- 10 communities representing an additional 700,000 Coloradans will have participated in CGWS and will be actively incorporating water-saving actions into land use planning.
- 90 representatives from past Growing Water Smart workshops will be participating in a peer-to-peer learning network.
- Two communities representing 80,000 Coloradans will be monitoring their progress and impact in incorporating water-saving actions into land-use planning.
- At least 150 elected officials, planners, water providers and other stakeholders will be engaged through our training, assistance, education, and outreach activities.
- Local officials, water resource managers, and land use planners representing 400,000 Coloradans will establish partnerships, early engagement, and implement other identified best practices for more resilient planning around water supply for municipal uses.

### 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 2021, 52 communities representing 62% of Coloradans (over 3.9 million people) have participated in CGWS. The Growing Water Smart program was awarded the American Planning Association Colorado *Honor Award for Sustainability & Environmental Planning* in 2019.

For the next two years (July 2022-December 2024), we are seeking funding for two workshops that will be regionally focused on North-Central Colorado and the West Slope and will be carried out in partnership with Northern Water and the Colorado River Water Conservation District, respectively.

Each regional workshop will include a pre-workshop policy scan and a 3-day workshop. All communities that participate in these two workshops will be eligible for follow-up technical assistance.

Method/Procedure:



Last Updated: May 2021

## **Policy Scan and Opportunities Report**

The Growing Water Smart policy scan and opportunities report assesses the adequacy and effectiveness of existing local policies, plans, and programs and the ability of these entities to implement them. It will also identify opportunities to strengthen both policies and implementation.

This process begins by setting policy scan goals and identifying research questions with the help of a local Advisory Committee. We then collect and review existing data, plans, and policies that influence water and land use. This may include, but is not limited to, comprehensive or master plans, water supply and efficiency plans, land use policy and codes, stream management plans, and Basin Implementation Plans. We also conduct interviews with local officials regarding how these plans and policies are currently implemented. A policy scan summary document is then developed, which is shared with the Advisory Committee for discussion and feedback. Finally, an Opportunities Report is drafted based on the findings of the policy scan summary. This report explores all opportunities, within reason, available to communities to address water challenges, and will be used to guide workshop curriculum. This includes identifying topics to be addressed in background materials and workshop presentations.

## **Workshop**

The cornerstone of the program is a three-day training workshop centered around examining and selecting strategies available to water providers and land use planners to reduce municipal water use, integrate water conservation and efficiency into land use policies, and plan for a water resilient community. With guidance from the regional project partner and local Advisory Committee, we will invite local governments and water providers to participate in inter-disciplinary teams of elected and appointed officials, land use planners, water resource managers, non-profit organizations, and other subject matter experts that play a role in water or land use management in the community. The workshop will select and support 5 - 7 teams.

The workshop curriculum is dialogue and action-oriented, and each team is guided through a set of work sessions by two experienced facilitators. Work sessions address the following topics:

1. Setting a workshop intention
2. How water smart are we now?
3. How water smart do we want to be?
4. What is our water smart message?
5. Creating a team action plan

Workshop participants also have an opportunity to interact with members of other teams through peer-to-peer dialogues at the opening and closing of the workshop. After the workshop, participants join a network of Growing Water Smart alumni who support one another via information sharing and mentorship. This network consists of an online hub where members can access resources and materials and ask each other questions via a discussion forum. Members engage with one another during live events in which they share lessons learned and troubleshoot around common challenges.

Lastly, we will continue to serve communities across Colorado and profile the accomplishments of CGWS participants through a partnership with Colorado APA. Since our partnership began in 2020, we have awarded two Growing Water Smart awards to Jefferson County and Fort Collins and have delivered nine Growing Water Smart-themed sessions at the annual APA Colorado conference. Sonoran Institute seeks to continue this partnership by 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:

Last Updated: May 2021

1. GWS policy scan and opportunities report, workshop curriculum and agenda, list of workshop participants, community action plans, and workshop evaluation reports
2. Peer-to-Peer network video call agendas
3. APA Awards program and break-out session materials

Tasks
<b>Task 2 – Technical Assistance to Support Implementation of Water and Land Use Projects</b>
Description of Task: Provides implementation assistance for water and land use integration projects
<p>Sonoran Institute recognizes that the primary outcome from participation in the Growing Water Smart workshop is the implementation of strategies that will enable communities to become better stewards of their water resources by conserving, reusing, and being more efficient in new development and redevelopment. To encourage and support communities in this endeavor, the Growing Water Smart workshop is followed by the ability of communities to apply for small grants of \$10,000 to catalyze their plans. Since 2017, Sonoran Institute has administered 15 projects across Colorado that better integrate water resource management and land use planning.</p> <p>A few of the water-savings actions participating communities have undertaken include:</p> <ul style="list-style-type: none"> <li>• Fort Collins integrated water considerations into their comprehensive plan development pattern scenarios and determined that higher residential density contributed to the greatest water savings from the baseline.</li> <li>• Westminster updated their land use code to reduce water demand in new development.</li> <li>• Rico held a series of community and stakeholder meetings to make decisions around their aging water infrastructure.</li> <li>• Evans developed goals and strategies for their comprehensive plan update that aligned with their utility’s water efficiency plan.</li> <li>• Colorado Springs (in progress) is developing water budgets for each land use type to serve as the basis for water rates and water budget calculation for new development.</li> <li>• Archuleta County &amp; Pagosa Springs determined low- medium- and high- growth rates for their region that could be used to make determinations around water supply and storage needs.</li> <li>• Jefferson County updated their comprehensive plan and codes to better address water concerns and refined their Water Availability Assessment ArcGIS tool to gain an understanding of aquifer and groundwater capacity for new wells in their mountainous area.</li> <li>• Gunnison County initiated regional collaboration on water efficient land use policies (resulted in Mt. Crested Butte adopting an indoor water efficiency ordinance) and held educational events for their community around water.</li> <li>• Grand County developed a regional drought management plan. They received a second grant to create community messaging for the water restrictions called for in each drought stage.</li> <li>• Boulder County developed preliminary materials and the structure for a county-wide water supply and demand study.</li> <li>• Pueblo County integrated water into their regional comprehensive plan.</li> </ul>
Method/Procedure:





Last Updated: May 2021

Following each Growing Water Smart workshop or at regular intervals, all past participants are eligible to apply for Technical Assistance Grants on behalf of the community they work for/in. Applications are evaluated based on the following criteria:

- The impact that the project will have on reducing water demand or addressing the community's water-related challenges (including whether the project is regulatory or voluntary in nature)
- The project can serve as a best practice case study for other communities to learn from
- Community need
- Political will for implementation
- Whether the community is a first-time recipient of the technical assistance funds

When awarded a Technical Assistance Grant, entities have approximately 12 months in which to carry out the project, and are asked to share the outcomes and lessons learned with other communities.

Deliverable:

1. Copies of all technical assistance applications.
2. Final reports of all completed technical assistance projects.

### Tasks

#### **Task 3 – Resilient Water Supply Planning Workshop**

Description of Task: Trains and assists communities in resilient water supply planning

The Growing Water Smart workshop model has demonstrated the importance of bringing together local government officials and planners with the community's water providers to better integrate water conservation and efficiency strategies into existing and new development so that the community can realize its water saving goals. After completing a project to determine best practices and lessons learned from water transfer and water sharing projects (both trans-basin and from agricultural lands), Sonoran Institute and our partners see the need for a training program to promote regionally sensitive resilient water supply planning. Water supply plans are generally developed by water providers to meet the needs of projected growth in their service areas. Elected officials and long range planners typically do not play a role in evaluating the impacts of water projects on their regional economy or environment. Bringing these stakeholders together for a multi-day workshop, modeled after the Growing Water Smart workshop curriculum, to determine a vision and approach for how limited water resources should be used, can result in approaches to water projects that further all community and regional values.

This task includes the establishment of curriculum for, and carrying out, a pilot workshop around water supply planning.

Method/Procedure:

This regional workshop will bring together the key decisionmakers to receive training, visioning, and action planning assistance. This multi-day workshop modeled after the Growing Water Smart program will:

- Bring together elected officials, long range planners, water resource managers, and economic development specialists
- Take a regional and land use approach to the impacts and opportunities around water supply planning/projects
- Guide visioning around community values (e.g., agricultural heritage, economic development, etc.)
- Understand water supply/demand projections
- Examine future water needs – how much can be met by reducing demand; recycling water, harvesting rainwater



Last Updated: May 2021

<ul style="list-style-type: none"> <li>Examine whether the adoption of local regulations such as 1041 regulations or agricultural easements could better guide and mitigate water transfer, storage, and sharing projects.</li> </ul>
Deliverable:
<ol style="list-style-type: none"> <li>Resilient Water Supply Workshop agenda and curriculum.</li> <li>List of workshop participants.</li> <li>Team action plans.</li> </ol>

Tasks
<p><b>Task 4 – Water and Land Use Integration Metrics</b></p>
<p>Description of Task: Facilitation and technical assistance to guide two communities in developing metrics to benchmark, target, and track the progress toward and impact of water and land use integration.</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 resulted 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. The guidebook includes 10 progress metrics and 14 impact metrics.</p> <p>From 2021 to 2022, Sonoran Institute is piloting the use of metrics that demonstrate progress towards and impact of integrating water and land use in two Colorado communities: the City of Fort Collins and the City of Evans. We propose serving two additional communities through this Metrics program.</p>
<p>Method/Procedure:</p>
<p>Our community support includes working with the community to establish a project management team, and working with them to carry out up to four workshops (spanning 2-3 hours in duration) depending on community need:</p> <ul style="list-style-type: none"> <li>“Anchor” workshop to introduce guidebook, suite of metrics, and value of tracking metrics.</li> <li>“Define” workshop to identify metrics to be tracked and rationale for tracking these.</li> <li>“Activate” workshop to determine process, community in-kind support, and outside assistance for collecting data and establishing a baseline.</li> <li>“Assess” workshop to evaluate baseline data and process to continue tracking and reporting on data based on policy/planning actions taken or proposed.</li> </ul> <p>Between the Activate and Assess workshops, we provide up to 100 hours of direct assistance in data assessment and metric calculation.</p> <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>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 efforts to establish and track metrics around the integration of water and land use.</p>
Deliverable:



Last Updated: May 2021

1. Request for Proposals
2. Community applications
3. Workshop materials, list of participants, and summaries
4. Final report on pilot demonstration projects

### Reporting Requirements

**Progress Reports:** The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of issuance of a purchase order, or the execution of a contract. The progress report shall describe the status of the tasks identified in the statement of work, including a description of any major issues that have occurred and any corrective action taken to address these issues.

**Final Report:** At completion of the project, the applicant shall provide the CWCB a Final Report on the applicant's letterhead that:

- Summarizes the project and how the project was completed.
- Describes any obstacles encountered, and how these obstacles were overcome.
- Confirms that all matching commitments have been fulfilled.
- Includes photographs, summaries of meetings and engineering reports/designs.

The CWCB will pay out the last 10% of the budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

### Payment

Payment will be made based on actual expenditures and must include invoices for all work completed. The request for payment must include a description of the work accomplished by task, an estimate of the percent completion for individual tasks and the entire Project in relation to the percentage of budget spent, identification of any major issues, and proposed or implemented corrective actions.

Costs incurred prior to the effective date of this contract are not reimbursable. The last 10% of the entire grant will be paid out when the final deliverable has been received. All products, data and information developed as a result of this contract must be provided to as part of the project documentation.

### Performance Measures

Performance measures for this contract shall include the following:

(a) Performance standards and evaluation: Grantee will produce detailed deliverables for each task as specified. Grantee shall maintain receipts for all project expenses and documentation of the minimum in-kind contributions (if applicable) per the budget in Exhibit C. Per Water Plan Grant Guidelines, the CWCB will pay out the last 10% of the budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

(b) Accountability: Per Water Plan Grant Guidelines full documentation of project progress must be submitted with each invoice for reimbursement. Grantee must confirm that all grant conditions have been complied with on each invoice. In addition, per Water Plan Grant Guidelines, Progress Reports must be



**COLORADO**

Colorado Water  
Conservation Board

Department of Natural Resources

Last Updated: May 2021

submitted at least once every 6 months. A Final Report must be submitted and approved before final project payment.

(c) Monitoring Requirements: Grantee is responsible for ongoing monitoring of project progress per Exhibit A. Progress shall be detailed in each invoice and in each Progress Report, as detailed above. Additional inspections or field consultations will be arranged as may be necessary.

(d) Noncompliance Resolution: Payment will be withheld if grantee is not current on all grant conditions. Flagrant disregard for grant conditions will result in a stop work order and cancellation of the Grant Agreement.



**Colorado Water Conservation Board**

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

**Prepared Date: 12/1/2021**

**Name of Applicant: Sonoran Institute**

**Name of Water Project: Colorado Growing Water Smart**

**Project Start Date: 7/1/2022**

**Project End Date: 12/31/2024**

Task No.	Task Description	Task Start Date	Task End Date	Grant Funding Request	Match Funding	Total
1	Growing Water Smart Regional Workshops	7/1/2022	6/30/2024	\$ 126,102.48	\$ 141,102.48	\$267,205
2	Growing Water Smart Technical Assistance	1/31/2023	12/31/2024	\$80,284	\$80,284	\$160,569
3	Resilient Water Supply Workshop	7/1/2022	12/31/2024	\$70,185	\$70,185	\$140,371
4	Water and Land Use Metrics	7/1/2022	12/31/2024	\$83,894	\$73,894	\$157,788
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
<b>Total</b>				\$360,466	\$365,466	\$725,933

**Colorado Water Conservation Board**  
**Water Plan Grant - Detailed Budget Estimate**  
**Fair and Reasonable Estimate**

Prepared Date: 12/1/2021  
 Name of Applicant: Sonoran Institute  
 Name of Water Project: Colorado Growing Water Smart

**Study or Project Coordination**

**Task 1 - Growing Water Smart Regional Workshops**

Sub-task	Item	Hourly Rate	# Hours	Sub-total	Item			Total	CWCB Funds	Matching Funds
					Item Cost	Quantity	Sub-total			
Northern Colorado Regional Workshop FY23										
	Policy Scan Staff Time (NW in-kind)	\$ 50.00	300	\$ 15,000.00			\$ -	\$ 15,000.00	\$ -	\$ 15,000.00
	Workshop: SI program director	\$ 56.65	312	\$ 17,674.80			\$ -	\$ 17,674.80	\$ 8,837.40	\$ 8,837.40
	Workshop: SI program manager	\$ 34.50	624	\$ 21,528.00			\$ -	\$ 21,528.00	\$ 10,764.00	\$ 10,764.00
	Workshop (facilitation): SI assoc dir	\$ 46.00	40	\$ 1,840.00			\$ -	\$ 1,840.00	\$ 920.00	\$ 920.00
	Workshop (facilitation): SI pgm mgr	\$ 34.50	40	\$ 1,380.00			\$ -	\$ 1,380.00	\$ 690.00	\$ 690.00
	Consultant	\$ 125.00	72	\$ 9,000.00			\$ -	\$ 9,000.00	\$ 4,500.00	\$ 4,500.00
	Co-Facilitator Stipend			\$ -	\$ 1,500.00	2.00	\$ 3,000.00	\$ 3,000.00	\$ 1,500.00	\$ 1,500.00
Western Slope Regional Workshop FY23 & FY24										
	Policy Scan: SI program director	\$ 56.65	104	\$ 5,891.60			\$ -	\$ 5,891.60	\$ 2,945.80	\$ 2,945.80
	Policy Scan: SI program manager	\$ 34.50	104	\$ 3,588.00			\$ -	\$ 3,588.00	\$ 1,794.00	\$ 1,794.00
	Policy Scan: SI senior advisor	\$ 34.25	104	\$ 3,562.00			\$ -	\$ 3,562.00	\$ 1,781.00	\$ 1,781.00
	Policy Scan Consultant	\$ 125.00	100	\$ 12,500.00			\$ -	\$ 12,500.00	\$ 6,250.00	\$ 6,250.00
	Workshop: SI program director	\$ 58.35	312	\$ 18,205.20			\$ -	\$ 18,205.20	\$ 9,102.60	\$ 9,102.60
	Workshop: SI program manager	\$ 35.55	624	\$ 22,183.20			\$ -	\$ 22,183.20	\$ 11,091.60	\$ 11,091.60
	Workshop (facilitation): SI assoc dir	\$ 47.40	40	\$ 1,896.00			\$ -	\$ 1,896.00	\$ 948.00	\$ 948.00
	Workshop (facilitation): SI pgm mgr	\$ 35.55	40	\$ 1,422.00			\$ -	\$ 1,422.00	\$ 711.00	\$ 711.00
	Workshop Consultant	\$ 125.00	72	\$ 9,000.00			\$ -	\$ 9,000.00	\$ 4,500.00	\$ 4,500.00
	Co-Facilitator Stipend			\$ -	\$ 1,500.00	2.00	\$ 3,000.00	\$ 3,000.00	\$ 1,500.00	\$ 1,500.00
				\$ -			\$ -	\$ -	\$ -	\$ -
				\$ -			\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>								<b>\$ 150,670.80</b>	<b>\$ 67,835.40</b>	<b>\$ 82,835.40</b>
<a href="#">Other Direct Costs (see below)</a>								<b>\$ 116,534.16</b>	<b>\$ 58,267.08</b>	<b>\$ 58,267.08</b>
<b>OVERALL TOTAL</b>								<b>\$ 267,204.96</b>	<b>\$ 126,102.48</b>	<b>\$ 141,102.48</b>

**Other Direct Costs**

Item:	Online Peer to Peer platform	Workshop Marketing & Materials	Lodging and Meals	Staff & Co-Facilitator Travel	Overhead (20% Direct Expenses)	Total
Units:	Annual cost	Lump Sum	Per participant	Lump Sum	0.2	
Unit Cost:	\$1,500	\$2,500	\$500	\$7,000	222,671	
Workshop 1		1	1	50	1	\$36,000
Workshop 2		1	1	50	1	\$36,000
<b>Total Units:</b>		<b>2</b>	<b>2</b>	<b>100</b>	<b>2</b>	
<b>Total Cost:</b>	<b>\$3,000</b>	<b>\$5,000</b>	<b>\$50,000</b>	<b>\$14,000</b>	<b>\$44,534</b>	<b>\$116,534</b>



**Colorado Water Conservation Board**  
**Water Plan Grant - Detailed Budget Estimate**  
**Fair and Reasonable Estimate**

Prepared Date:  
 Name of Applicant:  
 Name of Water Project:

**Study or Project Coordination**

**Task 2- Growing Water Smart Technical Assistance**

Sub-task	Item	Hourly Rate	# Hours	Sub-total	Item		Sub-total	Total	CWCB Funds	Matching Funds
					Item Cost	Quantity				
Project Management Round 1 FY23										
	SI program director	\$ 56.65	104	\$ 5,891.60			\$ -	\$ 5,891.60	\$ 2,945.80	\$ 2,945.80
	SI program manager	\$ 34.50	104	\$ 3,588.00			\$ -	\$ 3,588.00	\$ 1,794.00	\$ 1,794.00
Project Management Round 2 FY24										
	SI program director	\$ 58.35	104	\$ 6,068.40			\$ -	\$ 6,068.40	\$ 3,034.20	\$ 3,034.20
	SI program manager	\$ 35.55	104	\$ 3,697.20			\$ -	\$ 3,697.20	\$ 1,848.60	\$ 1,848.60
Project Management Round 3 FY25										
	SI program director	\$ 60.10	104	\$ 6,250.40			\$ -	\$ 6,250.40	\$ 3,125.20	\$ 3,125.20
	SI program manager	\$ 36.65	104	\$ 3,811.60			\$ -	\$ 3,811.60	\$ 1,905.80	\$ 1,905.80
				\$ -			\$ -	\$ -	\$ -	\$ -
				\$ -			\$ -	\$ -	\$ -	\$ -
				\$ -			\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>								<b>\$ 29,307.20</b>	<b>\$ 14,653.60</b>	<b>\$ 14,653.60</b>
<a href="#">Other Direct Costs (see below)</a>								<b>\$ 131,261.44</b>	<b>\$ 65,630.72</b>	<b>\$ 65,630.72</b>
<b>OVERALL TOTAL</b>								<b>\$ 160,568.64</b>	<b>\$ 80,284.32</b>	<b>\$ 80,284.32</b>

**Other Direct Costs**

Item:	Technical Assistance Marketing	Grants to Communities for Technical Assistance	SI Travel	Overhead (20% Direct Expenses)	Total
Units:	Lump Sum	Lump Sum	Lump Sum	0.2	
Unit Cost:	\$3,000	\$ 10,000.00	\$ 500.00	\$133,807	
Technical Assistance	1	10	3		\$103,003
<b>Total Units:</b>	<b>1</b>	<b>10</b>	<b>3</b>		
<b>Total Cost:</b>	<b>\$3,000</b>	<b>\$100,000</b>	<b>\$1,500</b>	<b>\$26,761</b>	<b>\$131,261</b>



**Colorado Water Conservation Board**  
**Water Plan Grant - Detailed Budget Estimate**  
**Fair and Reasonable Estimate**

Prepared Date:  
 Name of Applicant:  
 Name of Water Project:

**Study or Project Coordination**

**Task 3 - Growing Water Smart Resilient Water Supply Workshop**

Sub-task	Item	Hourly Rate	# Hours	Sub-total	Item			Total	CWCB Funds	Matching Funds
					Item Cost	Quantity	Sub-total			
Workshop Curriculum Development FY24										
	SI program director	\$ 58.35	104	\$ 6,068.40			\$ -	\$ 6,068.40	\$ 3,034.20	\$ 3,034.20
	SI program manager	\$ 35.55	104	\$ 3,697.20			\$ -	\$ 3,697.20	\$ 1,848.60	\$ 1,848.60
	SI senior advisor	\$ 35.30	104	\$ 3,671.20			\$ -	\$ 3,671.20	\$ 1,835.60	\$ 1,835.60
	Consultant	\$ 125.00	100	\$ 12,500.00			\$ -	\$ 12,500.00	\$ 6,250.00	\$ 6,250.00
Workshop Delivery FY25										
	SI program director	\$ 60.10	312	\$ 18,751.20			\$ -	\$ 18,751.20	\$ 9,375.60	\$ 9,375.60
	SI program manager	\$ 36.65	624	\$ 22,869.60			\$ -	\$ 22,869.60	\$ 11,434.80	\$ 11,434.80
	Facilitation: SI assoc dir	\$ 48.80	40	\$ 1,952.00			\$ -	\$ 1,952.00	\$ 976.00	\$ 976.00
	Facilitation: SI pgm mgr	\$ 36.65	40	\$ 1,466.00			\$ -	\$ 1,466.00	\$ 733.00	\$ 733.00
	Consultant	\$ 125.00	72	\$ 9,000.00			\$ -	\$ 9,000.00	\$ 4,500.00	\$ 4,500.00
	Co-Facilitator Stipend			\$ -	\$ 1,500.00	2.00	\$ 3,000.00	\$ 3,000.00	\$ 1,500.00	\$ 1,500.00
				\$ -			\$ -	\$ -	\$ -	\$ -
				\$ -			\$ -	\$ -	\$ -	\$ -
				\$ -			\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>								<b>\$ 82,975.60</b>	<b>\$ 41,487.80</b>	<b>\$ 41,487.80</b>
<a href="#">Other Direct Costs (see below)</a>								<b>\$ 57,395.12</b>	<b>\$ 28,697.56</b>	<b>\$ 28,697.56</b>
<b>OVERALL TOTAL</b>								<b>\$ 140,370.72</b>	<b>\$ 70,185.36</b>	<b>\$ 70,185.36</b>

**Other Direct Costs**

Item:	Workshop Materials	Lodging and Meals	Staff Travel	Overhead (20% Direct Expenses)	Total
Units:	Lump Sum	Per participant	Lump Sum	0.2	
Unit Cost:	\$ 2,000.00	\$ 500.00	\$ 7,000.00	\$ 116,976	
Workshop	1	50	1		\$34,000
<b>Total Units:</b>	<b>1</b>	<b>50</b>	<b>1</b>		
<b>Total Cost:</b>	<b>\$2,000</b>	<b>\$25,000</b>	<b>\$7,000</b>	<b>\$23,395</b>	<b>\$57,395</b>





**Colorado Water Conservation Board**  
**Water Plan Grant - Detailed Budget Estimate**  
**Fair and Reasonable Estimate**

Prepared Date:  
 Name of Applicant:  
 Name of Water Project:

**Study or Project Coordination**

**Task 4 - Water and Land Use Metrics**

Sub-task	Item	Hourly Rate	# Hours	Sub-total	Item		Sub-total	Total	CWCB Funds	Matching Funds
					Item Cost	Quantity				
<b>Community 1 FY23</b>										
	SI program director	\$ 56.65	208	\$ 11,783.20			\$ -	\$ 11,783.20	\$ 5,891.60	\$ 5,891.60
	SI program manager	\$ 34.50	208	\$ 7,176.00			\$ -	\$ 7,176.00	\$ 3,588.00	\$ 3,588.00
	Consultant	\$ 150.00	250	\$ 37,500.00			\$ -	\$ 37,500.00	\$ 18,750.00	\$ 18,750.00
<b>Community 2 FY24</b>										
	SI program director	\$ 58.35	208	\$ 12,136.80			\$ -	\$ 12,136.80	\$ 6,068.40	\$ 6,068.40
	SI program manager	\$ 35.55	208	\$ 7,394.40			\$ -	\$ 7,394.40	\$ 3,697.20	\$ 3,697.20
	Consultant	\$ 150.00	250	\$ 37,500.00			\$ -	\$ 37,500.00	\$ 23,750.00	\$ 13,750.00
				\$ -			\$ -	\$ -	\$ -	\$ -
				\$ -			\$ -	\$ -	\$ -	\$ -
				\$ -			\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>								<b>\$ 113,490.40</b>	<b>\$ 61,745.20</b>	<b>\$ 51,745.20</b>
<a href="#">Other Direct Costs (see below)</a>								<b>\$ 44,298.08</b>	<b>\$ 22,149.04</b>	<b>\$ 22,149.04</b>
<b>OVERALL TOTAL</b>								<b>\$ 157,788.48</b>	<b>\$ 83,894.24</b>	<b>\$ 73,894.24</b>

**Other Direct Costs**

Item:	Project Marketing & Materials	Room Rental	Staff & Consultant Travel	Overhead (20% Direct Expenses)	Total
Units:	Lum sum	Lump Sum	Lump Sum	0.2	
Unit Cost:	\$	2,000	\$ 1,000	\$ 6,000	\$131,490
Community 1	1	1	1		\$9,000
Community 2	1	1	1		\$9,000
<b>Total Units:</b>	<b>2</b>	<b>2</b>	<b>2</b>		
<b>Total Cost:</b>	<b>\$4,000</b>	<b>\$2,000</b>	<b>\$12,000</b>	<b>\$26,298</b>	<b>\$44,298</b>



**COLORADO RIVER DISTRICT**  
PROTECTING WESTERN COLORADO WATER SINCE 1937

November 23, 2021

Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203

RE: Colorado Water Plan Support Letter: Sonoran Institute

Dear CWCB Board of Directors,

The Colorado River District (River District) is pleased to support the Sonoran Institute's application to the Water Plan Grant Program for the West Slope Growing Water Smart Project. Formed in 1937 by the Colorado General Assembly, the Colorado River District exists to protect West Slope water, providing water security for the 15 counties within the River District's boundaries – approximately one-quarter of the State of Colorado. The River District serves water users across the Colorado River watershed, which includes the Yampa, White, Gunnison, Uncompahgre, the mainstem of the Colorado and all associated tributaries.

The River District recognizes that we are transitioning from an era emphasizing new supply development to an era which includes higher emphasis on wise use of our limited water resources, including higher water use efficiency. The River District and the Sonoran Institute have worked collaboratively to support a West Slope Growing Water Smart partnership to catalyze implementation of water conservation and the wise use of our water assets through land use planning. Pending Board approval at the River District's January 2022 Quarterly Meeting, the District's Community Funding Partnership will provide \$102,000 in matching support for the West Slope Growing Water Smart policy scan, training, and follow-up assistance. Ultimately, this partnership moves our strategic initiative forward to promote, encourage, and support wise and efficient use of all of Colorado's water resources.

Thank you for your consideration.

Sincerely,

Andrew A. Mueller, General Manager



October 29, 2021

Dear Colorado Water Conservation Board,

The Gates Family Foundation is writing in support of the Sonoran Institute's "Growing Water Smart" grant application.

The Gates Family Foundation has supported the valuable work that 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, we have invited the Sonoran Institute to apply for support in funding in our 2022 funding cycle, with part 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.

Sincerely,

*Whitney Johnson*

Whitney E. Johnson  
Program Officer for Community Development and Natural Resources  
Gates Family Foundation  
Denver, CO



## MANAGER'S OFFICE

This letter was submitted to the Colorado River District in support of Task 1 of Sonoran Institute's CWCB CWP application (carrying out a Growing Water Smart program on the Western Slope).

**EDWARD T. MOYER**  
County Manager  
**MICAH BENSON**  
Assistant County Manager  
E-Mail: [grndcty1@co.grand.co.us](mailto:grndcty1@co.grand.co.us)  
PHONE: 970/725-3100  
Fax: 970/725-0565

November 12, 2021

Via E-Mail

Colorado River District, Community Funding Partnership Committee, [partnerfunding@crwed.org](mailto:partnerfunding@crwed.org),  
201 Centennial St # 200  
Glenwood Springs, CO 81601

RE: Letter of Support for the Growing Water Smart Workshop

To Whom It May Concern:

On behalf of Grand County, I wish to convey our enthusiastic support of the Sonoran Institute's Growing Water Smart Workshop grant application to the Colorado River District's Community Funding Partnership.

In 2019, five Grand County team members, including myself, attended the Growing Water Smart Workshop. After the educational workshop we walked away with an action plan to create a Drought Management Plan. The steps to achieve our goal included creating a diverse drought stakeholder group, developing the Plan's purpose and scope, and ultimately developing ways to engage the public with topics surrounding drought and water conservation in our Headwaters community.

Two years later, our drought program has grown and developed to where we have a robust Drought Preparedness Plan with over 40 stakeholders participating <http://co.grand.co.us/1341/Drought-Preparedness-Program>. This is a testament to the success of the Growing Water Smart Workshop. Grand County hopes that we can serve as an example to other groups interested in drafting Drought Management Plans.

The Growing Water Smart Workshop has strong potential to create long-term resilience and increased water security for our local communities, therefore Grand County supports this application and encourages the Colorado River Water Conservation District to fully fund the request. Thank you for your consideration.

Sincerely,

Edward Moyer  
Grand County Manager



11/23/2021

Kevin Reidy  
Senior Water Efficiency Specialist  
Colorado Water Conservation Board  
1313 Sherman St., R. 721,  
Denver, CO 80203

Dear Kevin Reidy:

I am writing in support of Sonoran Institute's Winter 2021 Colorado Water Plan Conservation and Land Use Planning grant application for a 2022 Growing Water Smart Workshop in Northeast Colorado.

Drought, climate change, growth pressure, sustainability, and a multitude of other factors, require modernizing our existing landscapes and water use paradigms. Our urban centers, rural towns, and water districts are asking for help in managing the current environment while crafting comprehensive plans and code updates for more water-efficient development. These entities, and others, are working together to integrate water efficiency into land use, and to build capacity for better water management in the public and private sector.

Currently, Northern Water actively provides conservation and efficiency services in support of the Colorado Water Plan. Programs offered by Northern Water include consultation, audits, tours, landscape demonstration, grants, tools, and facilitation and training. Yet, pressure on existing water supplies is immense, and we need outside expertise to make significant progress. If approved the Sonoran Institute will use the grant to host a Growing Water Smart Workshop in Northeast Colorado.

The Growing Water Smart Workshops provide a professional, comprehensive experience identifying needs and opportunities, expert assistance, and a clear path to improvement. Given our past involvement and positive outcomes our customers have had with prior Growing Water Smart Workshops, Northern Water is committing \$50,000 towards a funded workshop. Further, staff will perform a policy scan and other analysis to identify and recruit candidates best positioned to benefit from the investment, which is approximately \$15,000 in-kind. Funding a Growing Water Smart Workshop exclusively for Northern Water allottees will ensure additional communities in high-growth areas are enabled to prepare for the future while optimizing existing water supplies and collaboration.

We ask for your support in co-funding this valuable initiative which provides multiple benefits to all parties.

Sincerely,

DocuSigned by:  
*Frank Kinder*  
20C086DGF31748C...  
Frank Kinder

Water Efficiency and Sustainability Manager  
Northern Water

November 15, 2021

This letter was submitted to the Colorado River District in support of Task 1 of Sonoran Institute's CWCB CWP application (carrying out a Growing Water Smart program on the Western Slope).



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[qqwater@nwccog.org](mailto:qqwater@nwccog.org)

Amy Moyer  
Director of Strategic Partnerships  
Colorado River District  
201 Centennial Street, Suite 200  
Glenwood Springs, CO 81601

Dear Ms. Moyer,

I am writing on behalf of the Northwest Colorado Council of Governments Water Quality and Quantity Committee (QQ) to support the Sonoran Institute's Growing Water Smart training and assistance program application to the Community Funding Partnership.

In 2019, NWCCOG partnered with Sonoran Institute and the Babbitt Center for Land and Water Policy to host a Growing Water Smart workshop in Keystone, Colorado for our members. As the geographic headwaters of the Colorado River, we saw the value in bringing counties and municipalities together to proactively address water use in our growing communities and serve as a model for the entire state around the wise use of our water.

Local governments from the QQ region participated in five teams that attended the April 2019 workshop, including representatives from the Town of Eagle, Grand County, Garfield County, Gunnison County, the City of Gunnison, Town of Crested Butte, Town of Mt. Crested Butte, Summit County, Town of Winter Park, Town of Granby, Town of Frisco, and the Town of Silverthorne. Several non-profit organizations, including the High Country Conservation Center, High Country Conservation Advocates, and the Middle Colorado Watershed Council strengthened brought additional initiative and capacity to the teams.

The Growing Water Smart workshop catalyzed projects around integrating water solutions into land use plans and policies around growth in our region. QQ continues to partner with the Sonoran Institute on approaches to further the thoughtful use of water in order to safeguard water for our west slope environment and community benefits, including offering facilitation support for GWS as time and budget allow.

We encourage the Colorado River District to make use of Sonoran Institute's Growing Water Smart training and assistance program as well. QQ members are committed to supporting such efforts throughout the western slope.

Sincerely,

A handwritten signature in black ink that reads "Torie Jarvis". The signature is written in a cursive, flowing style.

Torie Jarvis  
QQ Director and Staff Attorney  
970-596-5039  
[tjarvis@nwccog.org](mailto:tjarvis@nwccog.org)