



Last Updated: July 2017

zColorado 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:

Supply and Demand Gap Projects
Water Storage Projects
Conservation, Land Use Planning
Engagement & Innovation Activities
Agricultural Projects
Environmental & Recreation Projects

Gregory.Johnson@state.co.us
Anna.Mauss@state.co.us
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Mara.MacKillop@state.co.us
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Linda.Bassi@state.co.us

Applicants interested in submitting an ‘Intent to Apply’ in the future are encouraged to check here ☐ and fill in all sections with the best information available at the time. Exhibits may be excluded.

This “Intent to Apply” will help CWCB prioritize Projects that are not ready for fully completed Water Plan Grant Application due to the initial timeframe and required deadlines.

FINAL SUBMISSION: Submit all application materials 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.

Water Project Summary

Name of Applicant	Colorado State University, Colorado Stormwater Center, Tyler Dell, PI	
Name of Water Project	Investigation of Barriers to Policy for Low Impact Development	
CWP Grant Request Amount		\$ 10,000
Other Funding Sources _____		\$
Other Funding Sources _____		\$
Other Funding Sources _____		\$
Applicant Funding Contribution		\$ 2,500
Total Project Cost		\$ 12,500



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Applicant & Grantee Information	
Name of Grantee(s)	Colorado State University
Mailing Address	2002 Campus Delivery, Fort Collins, CO 80523-2002
FEIN	293183
Organization Contact	Linda Loing
Position/Title	Research Administrator
Email	Linda.Loing@colostate.edu
Phone	(970) 491-6586
Grant Management Contact	William Moseley
Position/Title	Interim, Senior Research Administrator
Email	Bill.Moseley@colostate.edu
Phone	(970) 491-1541
Name of Applicant (if different than grantee)	
Mailing Address	
Position/Title	
Email	
Phone	

Description of Grantee/Applicant
Provide a brief description of the grantee's organization (100 words or less).
Colorado State University is a land grant university that is one of the top schools in Colorado and the United States for water resources research. The Civil and Environmental Engineering Department has been awarded several projects advancing the field of water resources through federally funded grants to local public-private partnerships. Within the Department of Civil and Environmental Engineering is the Colorado Stormwater Center (CSC). The CSC provides stormwater-related education, training and research for maintaining and improving healthy water bodies through proper stormwater management. The CSC prides itself on building relationships with Colorado municipalities to collectively develop solutions for stormwater problems.



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Type of Eligible Entity (check one)	
X	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.
	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)	
X	Study
	Construction
	Identified Projects and Processes (IPP)
	Other

Category of Water Project (check all that apply and include relevant tasks)	
	Supply and Demand Gap - 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> N/A
	Water Storage - Projects that facilitate the development of additional storage, artificial aquifer recharge, and dredging existing reservoirs to restore the reservoirs' full decreed capacity. <i>Applicable Exhibit A Task(s):</i> N/A
	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> N/A
X	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> <i>Task 1 - Questionnaire and Survey Development for GI/LID Policy Barriers</i> <i>Task 2 - Municipality Interviews and Surveys</i> <i>Task 3 - Summarizing and Reporting Results</i>
	Agricultural - Projects that provide technical assistance and improve agricultural efficiency. <i>Applicable Exhibit A Task(s):</i> N/A



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	Environmental & Recreation - Projects that promote watershed health, environmental health, and recreation. <i>Applicable Exhibit A Task(s):</i> N/A	
	Other	Explain: N/A

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	Across Colorado (5-10 municipalities)
Latitude	
Longitude	

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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Water Project Overview

The Colorado Water Plan promotes sustainable water resources across Colorado. Even in a semi-arid region, stormwater can pollute local water bodies and alter natural hydrology. Current stormwater management strategies involves capturing and treating the water quality capture volume and control and release of varying levels of design storms. Low Impact Development (LID) is a different technique that provides an alternative water source for non-consumptive use, improves water quality of water bodies, restores natural hydrologic processes in the urban environment, promotes groundwater recharge, and provides several aesthetic and other benefits to communities. Adopting policies that promote the use of LID can lead stormwater management in a direction that is cohesive with the goals in the Colorado Water Plan. Despite the many benefits of LID, many municipalities are still hesitant to adopt LID policies. The Colorado Stormwater Center seeks to help municipalities overcome these barriers and provide examples of functioning LID sites. In order to promote LID it must first be known what the policy barriers municipalities are facing. For that reason the Colorado Stormwater Centers proposes to conduct an in-depth engagement of municipalities to determine current LID programs and identify barriers municipalities are facing in adopting LID policy.

Measurable Results

To catalog measurable results achieved with the CWP Grant funds, please provide any of the following values as applicable:

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



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Measurable Results

	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 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).

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;)

Low Impact Development (LID) is a method of deploying stormwater management strategies that accomplish numerous goals set out by the Colorado Water Plan. LID is able to provide alternative water sources for non-consumptive use, improve water quality of stormwater that is discharged to local water bodies, restore natural hydrologic processes in the urban environment, promote groundwater recharge, as well as provide several aesthetic and other benefits to communities. By identifying and overcoming barriers that municipalities face in adopting LID policy, stormwater across Colorado can join the rest of water resources in supporting the Colorado Water Plan.

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.



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Related Studies

N/A

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.

N/A

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.

N/A



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Submittal Checklist	
X	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⁾
X	Letters of Matching and/or Pending 3 rd Party Commitments ⁽¹⁾
Exhibit C	
	Map (if applicable) ⁽¹⁾
	Photos/Drawings/Reports
	Letters of Support (Support letter from Basin Roundtable encouraged)
	Certificate of Insurance (General, Auto, & Workers' Comp.) ⁽²⁾
	Certificate of Good Standing with Colorado Secretary of State ⁽²⁾
	W-9 ⁽²⁾
	Independent Contractor Form ⁽²⁾ (If applicant is individual, not company/organization)
Engagement & Innovation Grant Applicants ONLY	
X	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:	9/26/2017
Name of Applicant:	Tyler Dell
Name of Water Project:	Investigation of Barriers to Policy for Low Impact Development
Funding Source:	Engagement
Water Project Overview: Please provide a summary of the proposed water project (200 words or less). The same summary can be used from Page 5 of the CWP Grant Application. The Colorado Water Plan promotes sustainable water resources across Colorado. Even in a semi-arid region, stormwater can pollute local water bodies and alter natural hydrology. Current stormwater management strategies involves capturing and treating the water quality capture volume and control and release of varying levels of design storms. Low Impact Development (LID) is a different technique that provides an alternative water source for non-consumptive use, improves water quality of water bodies, restores natural hydrologic processes in the urban environment, promotes groundwater recharge, and provides several aesthetic and other benefits to communities. Adopting policies that promote the use of LID can lead stormwater management in a direction that is cohesive with the goals in the Colorado Water Plan. Despite the many benefits of LID, many municipalities are still hesitant to adopt LID policies. The Colorado Stormwater Center seeks to help municipalities overcome these barriers and provide examples of functioning LID sites. In order to promote LID it must first be known what the policy barriers municipalities are facing. For that reason the Colorado Stormwater Centers proposes to conduct an in-depth engagement of municipalities to determine current LID programs and identify barriers municipalities are facing in adopting LID policy.	
Objectives: List the objectives of the project. There are two primary objectives of the proposed project. The first objective is to identify barriers municipalities are facing when attempting to adopt LID policies at the municipal level. The second objective is to identify steps necessary to allow municipalities to overcome barriers to adopting LID policies in order to promote responsible water management and sustainability across the stormwater discipline in Colorado.	



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Tasks	
Provide a detailed description of each project task using the following format:	
Task 1 – Questionnaire and Survey Development for GI/LID Policy Barriers	
Description of Task:	The first task is to review a previous study conducted in 2009 regarding general barriers of low impact development (LID). After the review of the previous study the Colorado Stormwater Center will develop a questionnaire to determine what are barriers preventing the adoption of policy that promotes low impact development at municipal levels. The questionnaire will include questions about the municipalities current LID program, barriers that are faced to adopt further LID policies, and will contain questions that follows up with the 2009 study to determine if previous barriers have been addressed. Finally include a section within the questionnaire allowing municipalities to identify potential solutions for the barriers. The developed questionnaire will then be simplified into a shorter survey that could be distributed to a broader audience.
Method/Procedure:	The method for Task 1 includes conducting a literature review of a study conducted by Wright Water Engineers and the Keep It Clean Partnership (KICP) regarding barriers to LID that was conducted in 2009. After the literature review is completed a questionnaire will be developed addressing the topics of current LID programs,, policy barriers for LID, progress of LID practices, and potential solutions to the identified policy barriers. The questionnaire will then be reviewed by the Colorado Stormwater Center stake holder group made up of stormwater professionals across the state of Colorado and receive feedback for improving the questionnaire. A local LID consultant at Avery Ecological Design will also provide input for the questionnaire as a practicing professional for installing LID systems in Colorado. The questionnaire will then be summarized into a shorter survey that could be more widely distributed to a broader audience. Finally, 5-10 key municipalities across Colorado will be determined for participation in interviews to go through the questionnaire regarding policy barriers for LID.
Grantee Deliverable: Describe the deliverable the grantee expects from this task	
The grantee proposes to develop a survey and questionnaire that will be used to identify policy barriers for LID implementation and a list of 5-10 municipalities that could be interviewed for additional details.	
CWCB Deliverable: Describe the deliverable the grantee will provide CWCB documenting the completion of this task	
The grantee proposes to deliver the developed survey and questionnaire to the CWCB to document the completion of the first task.	

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Tasks	
Provide a detailed description of each task using the following format:	
Task 2 – Municipality Interviews and Surveys	
Description of Task:	
The second task involves the conduction of interviews going through the entire questionnaire with MS4 and Stormwater Managers in the key municipalities identified in Task 1. Additionally, the survey will be disseminated to stormwater organizations and partners of the Colorado Stormwater Center such as the Colorado Stormwater Council and the Keep It Clean Partnership in order to receive more input about barriers to adopting policy for LID implementation. Avery Ecological Design will also help conduct the interviews as an expert in the practical installation of LID.	
Method/Procedure:	
The method for Task 2 involves contacting the municipalities through their individual stormwater programs to set up a time to meet and go through the developed questionnaire. During the arranged time, the Colorado Stormwater Center with Avery Ecological Design will conduct the interview with stormwater managers for each key municipality and discuss current LID policy/implementation program, policy barriers, advancements that have been made in LID within municipality over the past 10 years, and what are the next steps for further advancing LID policy. Then the shorter survey will be disseminated to additional municipalities in order to provide additional input regarding the policy barriers of LID implementation.	
Grantee Deliverable: Describe the deliverable the grantee expects from this task	
Grantee expects to create completed questionnaires for each of the conducted interviews and collecting survey responses from any of the survey participants hoping for at least a 50% participation rate.	
CWCB Deliverable: Describe the deliverable the grantee will provide CWCB documenting the completion of this task	
The Grantee agrees to provide to CWCB the completed questionnaires that are developed throughout interviewing each of the key municipalities.	

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Tasks	
Provide a detailed description of each task using the following format:	
Task 3 – Summarizing and Reporting Results	
Description of Task:	
After each of the interviews is completed and a sufficient time has been allowed to receive survey responses, the results of the questionnaires and surveys will be collected and summarized in a report. The report will include a summary of current LID programs in Colorado, a list of barriers to LID policy, and a prioritization of barriers. The developed summary will also include results from the interviews and survey responses. Additionally, included in the report will be a summary of advancements that have been made in LID policy during the previous 10 years. The final section of the report will include next steps that are needed to take in order to overcome barriers to LID policy.	
Method/Procedure:	
Task 3 will require the collection of the questionnaire and survey responses from Task 2. These responses will then be summarized in a report that will be reviewed by members of the Colorado Stormwater Center stakeholder group and Avery Ecological Design. Finally, additional next steps that can be taken to overcome barriers to LID policy will be determined and included in the report.	
Grantee Deliverable: Describe the deliverable the grantee expects from this task	
Grantee will develop a report summarizing the results of the entire study including a summary of current LID programs in Colorado, barriers to LID policy, progress that has been made over the past 10 years to overcoming barriers, and next steps to continue overcoming barriers.	
CWCB Deliverable: Describe the deliverable the grantee will provide CWCB documenting the completion of this task	
The Grantee will provide CWCB with the final report as documentation for the completion of the task.	

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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. The CWCB may withhold reimbursement until satisfactory progress reports have been submitted.

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 withhold disbursement the last 10% of the budget until 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.

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COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

Colorado Water Conservation Board

Water Plan Grant - Exhibit A

Budget and Schedule

Date: September 27, 2018

Name of Applicant: Colorado State University

Name of Water Project: Investigation of Barriers to Policy for Low Impact Development

Task No.	Task Description	Start Date ⁽¹⁾	End Date	Water Project Funding Category	Grant Funding Request	Match Funding	Total
1	Questionnaire and Survey Development for GI/LID Policy Barriers	April 1, 2018	April 15, 2018	Engagement	\$2,000	\$400	\$2,400
2	Municipality Interviews	April 15, 2018	June 30, 2018	Engagement	\$5,000	\$1,500	\$6,500
3	Summarizing and Reporting Results	July 1, 2018	July 31, 2018	Engagement	\$3,000	\$600	\$3,600
							\$0
							\$0
							\$0
							\$0
							\$0
							\$0
							\$0
							\$0
							\$0
							\$0
Total					\$10,000	\$2,500	\$12,500

(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).

ENGAGEMENT & INNOVATION GRANT FUND SUPPLEMENTAL APPLICATION

Introduction & Purpose

Colorado’s Water Plan calls for an outreach, education, public engagement, and innovation grant fund in Chapter 9.5.

The overall goal of the Engagement & Innovation Grant Fund is to enhance Colorado’s water communication, outreach, education, and public engagement efforts; advance Colorado’s water supply planning process; and support a statewide water innovation ecosystem.

The grant fund aims to engage the public to promote well-informed community discourse regarding balanced water solutions statewide. The grant fund aims to support water innovation in Colorado. The grant fund prioritizes measuring and evaluating the success of programs, projects, and initiatives. The grant fund prioritizes efforts designed using research, data, and best practices. The grant fund prioritizes a commitment to collaboration and community engagement. The grant fund will support local and statewide efforts.

The grant fund is divided into two tracks: engagement and innovation. The Engagement Track supports education, outreach, communication, and public participation efforts related to water. The Innovation Track supports efforts that advance the water innovation ecosystem in Colorado.

Application Questions

*The grant fund request is referred to as “project” in this application.

Overview (answer for both tracks)
In a few sentences, what is the overall goal of this project? How does it achieve the stated purpose of this grant fund (above)?
The goal of the proposed project is to identify barriers in adopting policies for Low Impact Development for urban stormwater. This project will help promote innovation as LID is a new technology that can be used to bring the Colorado Water Plan goals to the stormwater sector.
Who is/are the target audience(s)? How will you reach them? How will you involve the community?
The target audience for the proposed work is municipal stormwater managers. The audience will be reached through the Colorado Stormwater Center’s connection with the Colorado Stormwater Council which consists of representatives of each municipal separate storm sewer system (MS4) in the state. The community will be further engaged through the deployment of a condensed survey that will be disseminated and summarized as part of the project.
Describe how the project is collaborative or engages a diverse group of stakeholders. Who are the partners in the project? Do you have other funding partners or sources?
Through conducting interviews with municipalities across Colorado, a diverse group of MS4 feedback will be received allowing the Colorado Stormwater Center to receive a variety of barriers that different regions of Colorado may be experiencing. The primary partners of this project are the Colorado Stormwater Center at Colorado State University and Avery Ecological Design. Additionally, One Water Solutions Institute at Colorado State University, the Keep It Clean Partnership in Boulder County, and the Colorado Stormwater Council will be engaged in order to ensure that diverse engagement is conducted and that the results are accurately depicted.



Overview (answer for both tracks)
Describe how you plan to measure and evaluate the success and impact of the project?
Success of the project will be measured by the number of interviews that are conducted by Colorado Stormwater Center. Number of interviews will be limited by the availability and interest of the MS4s, so the more involvement (5-10) will demonstrate more excitement of LID adoption. Additionally, the number of feedback responses received through the survey will be a measure of success of the outreach.
What research, evidence, and data support your project?
A report that was conducted in 2009 about general barriers was conducted by Wright Water Engineers with cooperation of KICP demonstrates the success that an interview engagement activity can provide. From the past study it was seen that similar engagement can help promote innovation of the field and opens up conservations leading to overcoming barriers.
Describe potential short- and long-term challenges with this project.
Short term challenges will be in scheduling time with busy MS4 personnel to conduct the interviews for the questionnaire. Long-term challenges include not being able to identify a consensus of policy barriers among municipalities but instead finding that policy barriers greatly vary among municipalities instead of just across general hydrologic regions.

Please fill out the applicable questions for either the Engagement Track or Innovation Track, unless your project contains elements in both tracks. If a question does not relate to your project, just leave it blank. Please answer each question that relates to your project. Please reference the relevant documents and use chapters and page numbers (Colorado's Water Plan, Basin Implementation Plan, PEPO Education Action Plan, etc.).

Engagement Track
Describe how the project achieves the education, outreach, and public engagement measurable objective set forth in Colorado's Water Plan to "significantly improve the level of public awareness and engagement regarding water issues statewide by 2020, as determined by water awareness surveys."
Describe how the project achieves the other measurable objectives and critical goals and actions laid out in Colorado's Water Plan around the supply and demand gap; conservation; land use; agriculture; storage; watershed health, environment, and recreation; funding; and additional.
LID is critical toward allowing stormwater to contribute to the critical goals and actions of the Colorado Water Plan. LID promotes the use of native vegetation and utilizes stormwater for irrigation in order to dramatically reduce the water needed for irrigation of the landscaped area. LID is dispersed across municipalities which promotes responsible land use and development. Additionally, LID has multipurpose functionality which allows for less land to perform a wide range of benefits. Finally, LID promotes a healthy watershed and environment by restoring natural hydrology of the watershed. LID provides several benefits in-line with the Colorado Water Plan critical goals. By engaging municipalities about barriers to policies and ensuring that municipalities are informed of these benefits should lead to large scale adoption of LID practices that can contribute to the goals of the Colorado Water Plan.



Describe how the project achieves the education, outreach, and public engagement goals set forth in the applicable Basin Implementation Plan(s).

Describe how the project achieves the basin roundtable's PEPO Education Action Plans.

Innovation Track

Describe how the project enhances water innovation efforts and supports a water innovation ecosystem in Colorado.

As municipalities become aware of the barriers to LID policy adoption, next steps for overcoming those barriers will also be realized. Until the barriers are understood a solution to LID adoption could not be adequately implemented. Through this engagement activity, innovation to stormwater management policies will lead to numerous benefits achieved by LID implementation.

Describe how the project engages/leverages Colorado's innovation community to help solve our state's water challenges.

As a leader in innovative technology, Colorado State University is currently involved in projects that can improve water management in Colorado. As an organization within the university, the Colorado Stormwater Center has access to numerous innovation experts and researches enabling the best technologies to be promoted through the engagement activity.

Describe how the project helps advance or develop a solution to a water need identified through TAP-IN and other water innovation challenges. What is the problem/need/challenge?

Describe how this project impacts current or emerging trends; technologies; clusters, sectors, or groups in water innovation.

Several municipalities such as Fort Collins and the City and County of Denver are adopting policies and promoting the use of Low Impact Development for stormwater management. However, even though some municipalities are leading the way, others still have barriers, that by using the patterns set forth by other leaders, can be overcome.