

# WaterSMART Grants

## Small-Scale Water Efficiency Projects for Fiscal Year 2021

Bureau of Reclamation NOFO No. R21AS00300

### Town of Estes Park

### Smart Meter Installation Project

March 17, 2021



Chris Eshelman  
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Water Division, Utilities Department  
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## ATTACHMENTS

- 1 – Proposed Schedule
- 2 – Proposed Budget
- 3 – Support Letter
- 4 – Proposed Resolution
- 5 – SAM.gov Town of Estes Park
- 6 – Anti-Lobbying

Maps: 1-Service Area inserted in application page 4  
2-State and location of Estes Park, attachment  
3-Service Area

Completed in Grants.Gov webforms

- SF-424 Application for Federal Assistance
- SF-424 Budget Information
- SF-424 Assurances

# TECHNICAL PROPOSAL AND EVALUATION CRITERIA

## Executive Summary

Date: March 17, 2021

Applicant Name: Town of Estes Park, Estes Park, Larimer County, Colorado

Project Manager: *Name:* Chris Eshelman  
*Title:* Superintendent, Water Division  
*Phone:* 970-577-3630  
*Email:* [ceshelman@estes.org](mailto:ceshelman@estes.org)

Applicant Category: A  
Grant Funding Request: \$75,000  
Non-Federal Matching Funds: \$75,000  
Total Project Cost: \$149,855  
Project Duration: 18 months  
Estimated Project Start Date: 02/2022  
Estimated Project Completion Date: 07/2023  
Located on Federal Facility: No  
Unique Entity Identifier: DUNS: 078355450; CAGE Code: 3JNB2

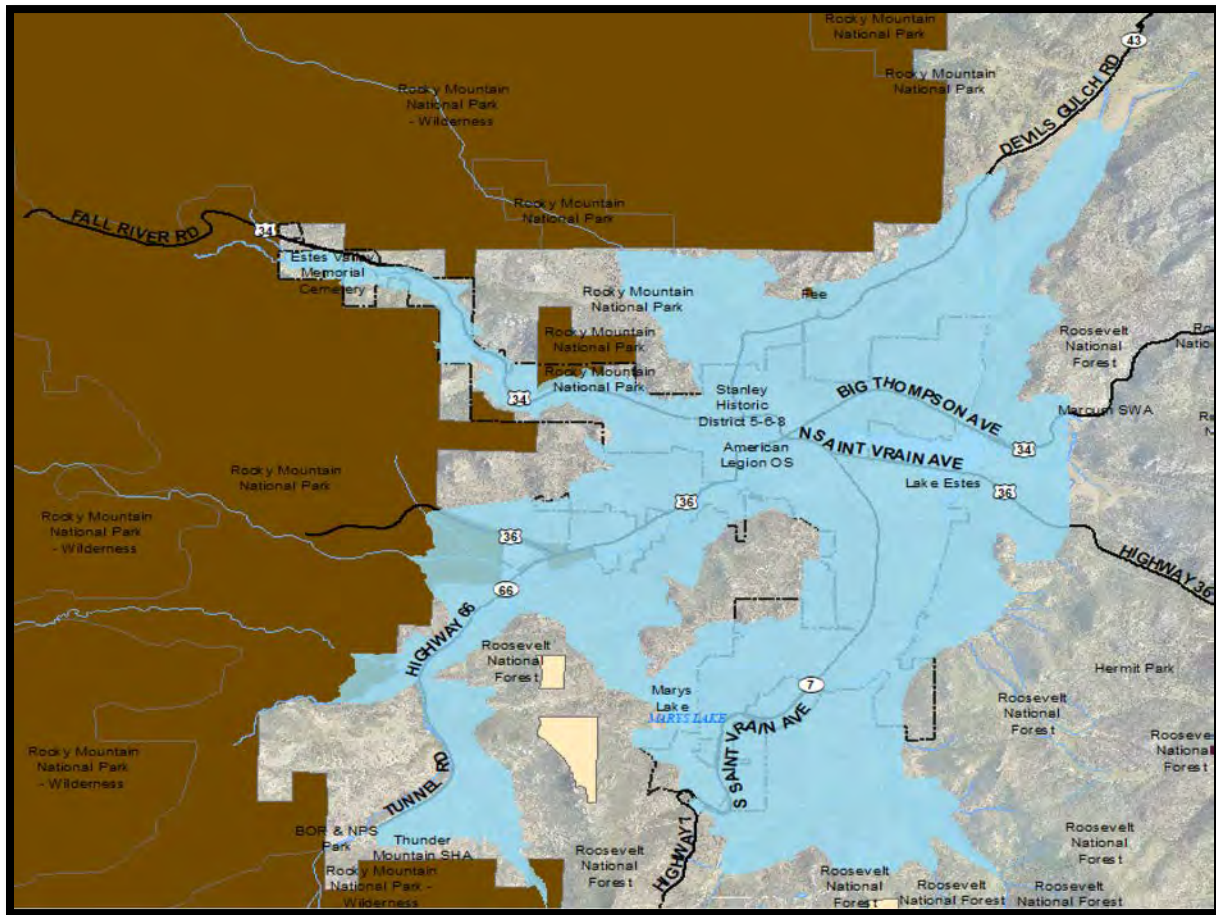
## Project Summary

The Town of Estes Park Water Division is applying for funds to replace existing water meters with the newest smart water meters capable of connecting to the Town's existing electric advanced metering infrastructure system. This project includes the costs of meters and ancillary radio and computer reading equipment (ERTs – Encoder Recorder Transmitters) for residential and commercial customers. The Water Division crew will install the meters. The Water Division started replacing analog meters with radio-based meters in 2004. This request and the subsequent award will accelerate the progress of this very important service in the community, supporting the goals of the Bureau of Reclamation to be good stewards of our natural resources, as well as contribute to the economic health of this community. The software system to support new meters is in place so no additional costs are needed for this component.

## Project Location

The project will be conducted within the Water Division's service area which includes the Town of Estes Park and unincorporated Larimer County. No work will be performed on a Federal facility.

## Estes Park Water Division Service Area Map 1



The priority for replacing meters with federal funding assistance will be the oldest meters past their useful life having old batteries nearing failure. These old meters, equipped with battery-powered radios, will soon become non-functional. The selected properties to replace meters are in various locations within the water division service area so as a point of reference, this is the latitude and longitude for the Town Hall, 170 MacGregor Avenue: 40.37771, -105.52014

Every community is unique and Estes Park is no exception. What makes Estes Park unique is its rich history of being developed for its health benefits, natural beauty, and recreational opportunities, unlike many mountain communities in Colorado which were first established because of mining. Estes Park is located approximately 70 miles northwest of Denver in the Larimer County. Estes Park is the primary gateway community to Rocky Mountain National Park (RMNP), and in 2019 was the third most visited national park in the country. This proximity means the Town swells in the spring, summer and fall seasons with a substantial number of visitors and second homeowners. In 2019, RMNP experienced record visitation with 4.6 million people. Eighty percent accessed the National Park through the two Estes Park entrances. Estes Park is its own destination estimating 25 percent of the people visiting do not go to the RMNP. As a premier destination, the Town must accommodate residents and visitors during these busy months. The Town's full-time resident population is approximately 6,000 people.

There are two sources of potable water for the Estes Park community: Marys Lake and Glacier Creek. Our water source includes mountain snowpack and rain. The Marys Lake Water Treatment Plant is supplied by the US Bureau of Reclamation's Colorado-Big Thompson Trans-Mountain Irrigation Project (CBT). The BOR completed this project in 1944 and it includes the thirteen-mile Alva Adams tunnel and numerous electric hydro generation units. The Town benefits from both the CBT water and its electricity generation. This tunnel transports water from Grand Lake (west side of the Continental Divide) under Rocky Mountain National Park to and through Estes Park where it is used at the Marys Lake Treatment Plant. The Glacier Creek Plant water source is from native water rights.

Water use has experienced a moderate increase over the last ten years and closely resembles the increase in tourism in the "shoulder seasons". Rocky Mountain National Park and Estes Park as premiere destinations have experienced an increased number of visitors starting early in the early spring and going later in the fall. Other factors that impact water usage are land development and hotter summer temperature even at our elevation of nearly 8,000 feet. It is predicted that increased demand will continue. The northern Front Range, which includes Larimer County, is forecast to gain 660,530 people by 2050, more than doubling its 2015 population of 617,401. The 107 percent surge will take that region's share of the state population from 11.3 percent to 15.1 percent. Population growth especially along the Front Range impacts this mountain community with increased visitors and the need for accommodations and amenities that serve guests; second homeowners, short-term vacation rentals, and workforce housing needs.

Maps attached: State (2) and Water Service Area (3).

### **Project Description**

Approximately 5,480 customer accounts are served by the Town of Estes Park's Water Division. Water Division staff services more than 112 miles of water main lines, two water treatment plants and 8 water storage tanks. Long-term water rights planning, fire hydrant maintenance, EPA-regulated testing, and backflow regulation are among the responsibility performed by the Water Division.

Smart water meters improve water conservation with their ability to flag water leaks at customers' homes. Smart meters improve the Town's energy efficiency by eliminating vehicle miles driven to collect monthly meter readings. Smart waters provide multiple benefits: improving 1) real-time data collection and storage for troubleshooting; 2) computer modeling based on actual usage; and 3) billing accuracy. If awarded this grant, the first priority for meter replacement will be the meters that are nearing their useful life equipped with aging batteries.

Some meters are well past their useful life and are not "smart" meters. Other meters have failing batteries, approaching the end of their useful life. The infusion of federal financial assistance will allow the Water Division to address highest needs: replace meters with old batteries that will soon stop working resulting in non-functioning meters. Technology

continues to improve even within the last few years and smart meters are more energy-efficient than the meters installed just 20 years ago.

To date, the Water Division has replaced approximately 40% of the metering system with smart metering technology. This is an ongoing process and the necessary approach has been a strategic staggered approach to replace analog meters and older smart meters with the next generation of smart meters as funds are available. These federal funds will assist in accelerating the work.

When the Water Division started the meter replacement program, they thoroughly researched options of manufacturers for meters and radio read systems. This research resulted in the selection of two meters, essentially the same technology provided by two different suppliers:  $\frac{3}{4}$ " meters supplied by Mueller and Hydrus.

The process for replacing meters includes these steps:

1. Notify customers and schedule the meters to be replaced.
2. Water shut-off generally impacts only the property where the meter is being replaced and for only a short time (approximately 10 minutes); however, customers are informed that their water will be turned off.
3. Locate meter to be replaced. Generally, this is obvious; however, if the house or building has been renovated, meter location could take more time.
4. Take a last read on the old meter and verify its serial number.
5. Shut the water off.
6. Replace with the new meter and document the new serial number.
7. Turn water back on.
8. Verify new meter is working (screen verification).
9. Continue to the next customer.

The actual time to replace a meter is short; however, the administration and documentation including establishing the billing system takes some time. Depending on where the meter is located to be replaced, drive time can add time to the replacement process. These additional tasks could mean replacement is as much as two hours; however, for the purpose of this grant application, we are estimating 1.5 hours per meter.

Meter replacement will be performed by the Water Division crew.

The operation of municipal water systems is becoming more expensive with increasing State and Federal rules and regulations, and the complexity of water systems for public safety and demand. Installing smart water meters is one measure toward a more efficient system that will result in accurate water usage data and reduce staff time for meter readings and transferring this data to the billing process.

The Water Division conducts a rate study every three years and more frequently depending on capital improvement projects. The most recent rate study was conducted in 2019.

## Evaluation Criteria

### E.1.1 Evaluation Criterion A— Project Benefits (35 points)

- Describe the expected benefits and outcomes of implementing the proposed project.
- What are the benefits to the applicant's water supply delivery system?

The benefits to the Town's water supply delivery system will be improved operational efficiency, elimination of meter reading driving routes which reduces our carbon footprint. Smart meters will provide notification to customers having wasteful water leaks requiring repair. Continuous improvement efforts based on the current technology provide an overall contribution to the success of the community including a sense of good stewardship and a healthy economy.

The Town Board of Trustees adopted their 2021 Strategic Plan with references to the importance of water delivery and their support:

- We will ensure water service reliability and redundancy.
- The Town will lead specific economic development efforts identified by the Town Board, such as the development of the Broadband Utility, and the provision of electric and water services.

Continuing the upgrade to smart meters will help the Town in meeting the goals set by the Town Board of Trustees, improving efficiency and being more prepared for the expected population and visitor growth in the future.

Water efficiency is an important step toward water security which is threatened by climate change resulting in reduced snowpack in the mountains, reduced precipitation throughout the year, increased temperatures, and more drought-like conditions. The Town is striving to take every opportunity to improve delivery systems and processes. Installation of smart water meters is one such effort.

Benefits to the water users will also be recognized with the implementation of the automated meter reading system by improving billing and allowing for better tracking water usage. The Town is concerned with the well-being of this community, taking pride in our commitment to the preservation of the environment and precious water resources.

costs, as well as programs to help consumers reduce consumption, such as using the

- If other benefits are expected, explain those as well. Consider the following:
- Extent to which the proposed project improves overall water supply reliability.

The extent to which this project improves overall water supply reliability is water accountability including the technology to read very low flows. Improved accountability helps the Town Water Division crew to locate wasteful system leaks and leaks for customers.

- The expected geographic scope benefits from the proposed project (e.g., **local**, sub-basin, basin)

This is mostly a local benefit; however, some the benefits are beyond Estes Park. The reduction of water leaks will provide benefits to our customers and conserve water for beneficial use by the communities downstream of Estes Park.

- Extent to which the proposed project will increase collaboration and information sharing among water managers in the region

This project indirectly increases collaboration with other water districts. Based on our experience with smart electric meters, the implementation of smart technology builds support for smart metering initiatives in our sister communities of Fort Collins, Loveland, and Longmont. The ubiquitous implementation of smart water meters will increase every water purveyor's efficient use of water.

- Any anticipated positive impacts/benefits to local sectors and economies (e.g., agriculture, environment, recreation, tourism)

The positive impact and benefits to this community include the Town being a good steward of the environmental and natural resources, and being responsible and responsive to customers. Many residents and visitors expect the Town to take measures to protect resources and eco-tourism is a growing industry where guests expect municipalities to take the lead. An added value to this Smart Meter Installation Project is that some customers will benefit from reduced water bills when they are notified of a potential leak and they make repairs in a timely manner.

- Extent to which the project will complement work done in coordination with NRCS in the area (e.g., with a direct connection to the district's water supply). Describe any on-farm efficiency work that is currently being completed or is anticipated to be completed in the future using NRCS assistance through EQIP or other programs.

This project will not provide NRC coordination.



E.1.2 Evaluation Criterion B— Planning Efforts Supporting the Project (35 points)

Describe how your project is supported by an existing planning effort.

This project is supported through the Town’s Capital Improvement Plan and the annual budget approved by the Town Board of Trustees.

- Does the proposed project implement a goal or address a need or problem identified in the existing planning effort?

The Town of Estes Park Board of Trustees 2021 Strategic Plan references the effort to reduce the Town’s carbon footprint and includes in its objectives the elimination of drive-by-meter reads. The strategic plan also references the Town’s responsible to protect the natural resources by being good stewards to the environment. It is the Town’s responsibility to offer reliable and efficient services including water.

- Explain how the proposed project has been determined as a priority in the existing planning effort as opposed to other potential projects/measures.

Meters that have been identified as having failing batteries, nearing the end of their useful life, are considered the highest priority for this project. Others meter in line for replacement include older analog meters. The Water Division’s strategic approach to staggering replacement is more cost effective and will avoid all meters needing to be replaced at the same time in the future.

- How and why did this become a project that you started?

The Town started to replace much older meters in the early 2000s. Each year, the Town budgets for some meter replacement. These funds will accelerate this project’s progress by increasing funds to purchase more meters.

E.1.3. Evaluation Criterion C—Project Implementation (10 points)

- Describe the implementation plan for the proposed project. Please include an estimated project schedule that shows the stages and duration of the proposed work, including major tasks, milestones, and dates.

The Town has recognized the need for water planning and conservation and has taken proactive measures to supplement the 2015 Comprehensive Water Master Plan. There are plans to modify and update specific sections of the plan starting in 2021. The Town followed the guidelines and requirements as established by the Colorado Water Quality Control Commission through the Colorado Department of Public Health and Environment in developing this Plan. Included in the Plan are water conservation goals that directly and indirectly align with the project. Some of these have been met and most are ongoing.

- Detect and repair leaks
- Track breaks and repairs
- Leak detection and repairs
- Improve town irrigation system

The Town Water Division identified the need to upgrade to a smart meter system specifically to assist with leak detection and to help facilitate repairs within the system. The need was identified early in the 2000s and is documented in the Capital Improvement Plan, Operations and Maintenance Plan and annual budget. The process of staggering replacement of old analog meters and radio-based meters with batteries nearing the end of their useful life has made this project more cost-effective as opposed to a larger outlay of funds to replace many meters in a short period. Unfortunately available funds are not keeping up with the aging meters. However, with this additional support, this project can be positioned to succeed in replacing more meters than the Water Division's budget allows positioning the Water Division in a better position to keep up with replacement cycles.

An 18 month schedule is planned for this project. See attached schedule (1).

- Describe any permits that will be required, along with the process for obtaining such permits. There are no required permits for replacing the existing meters.
- Identify and describe any engineering or design work performed specifically in support of the proposed project. No engineering or design work is needed to replace existing meters.
- Describe any new policies or administrative actions required to implement the project. There are no new policies or administrative requirements to replace meters.
- Describe the timeline for completion of environmental and cultural resource compliance. Was the timeline for completion of environmental and cultural resource compliance discussed with the local Reclamation office? The Town will work with professional staff from the Bureau of Reclamation to confirm that there will be no impact on the environment, cultural resources, and historic preservation as replacing existing meters will be in pre-disturbed areas. This project is replacing meters and the work is considered in-kind (likeness or similar to pre-existing conditions).

#### E.1.4. Evaluation Criterion D— Nexus to Reclamation (10 points)

This proposed program meets the Bureau's intent as a "Small-Scale Water Efficient Project." The Town's Water Division supports the Reclamation goals to conserve and manage the natural resource of water for the benefit, need and enjoyment of the residents and visitors, and businesses. We take this responsibility seriously.

The Town recognizes that water is a precious resource in the west. The loss of treated water

- Is the proposed project connected to a Reclamation project or activity? If so, how? Please consider the following:
  - Does the applicant receive Reclamation project water? **Yes**
  - Is the project on Reclamation project lands or involving Reclamation facilities? **No**
  - Is the project in the same basin as a Reclamation project or activity? **Yes**
  - Will the proposed work contribute water to a basin where a Reclamation project is located? **No**
  - What is the past/ current working relationship with BoR? Describe this.  
 The Town of Estes Park has a good and healthy working relationship with the Bureau of Reclamation. The Town works with the Bureau to obtain electrical power, uses the Bureau’s land and depends on the Bureau’s resources and offerings. The Water Division is a paying customer to the Bureau of Reclamation via the Northern Colorado Water Conservancy District. Within the Estes Valley, the Bureau operates the hydroelectric plant and Olympus Dam on Lake Estes fed by the Big Thompson River. This is part of the Colorado-Big Thompson Project (CBT).
  
- Will the project benefit any tribe(s)? **No tribe will benefit from this project**

## PROJECT BUDGET

### Funding Plan and Letters of Commitment

Table 1 – Budget summary

SOURCE	AMOUNT
Costs to be reimbursed with the requested Federal funding	\$74,927.50
Costs to be paid by the applicant	\$74,927.50
Value of third-party contributions	\$0.00
<b>TOTAL PROJECT COST</b>	<b>\$149,855.00</b>

Budget form attached (2). SF-424 Budget Information completed in Grants.gov webform.

Please identify the sources of the non-Federal cost-share contribution for the project, including:

- Any monetary contributions by the applicant towards the cost-share requirement and source of funds (e.g., reserve account, tax revenue, and/or assessments).  
The source of funds for the cash contribution is from the budgeted Capital Improvement Plan. Each year, meter replacement is included in the budget. The amount budgeted may be dependent on funds needed for emergent repairs and other projects taking a higher priority.
- Any costs that will be contributed by the applicant.  
Water Division crew member will be responsible for installing the new meters. The Town is not requesting reimbursement for this time, and is not including employee and mileage in the cost share calculations.
- Any third-party in-kind costs (i.e., goods and services provided by a third party). **None**
- Any cash requested or received from other non-Federal entities. **None**
- Any pending funding requests (i.e., grants or loans) that have not yet been approved and explain how the project will be affected if such funding is denied. **None**

In addition, please identify whether the budget proposal includes any project costs that have been or may be incurred prior to award. For each cost, describe:

- The project expenditure and amount. **None**
- The date of cost incurrence. **Not applicable**
- How the expenditure benefits the project. **Not applicable**

### **Budget Narrative**

A budget narrative is mandatory. An award will not be made to any applicant who fails to fully disclose this information. The budget narrative provides a discussion of, or explanation for, items included in the budget proposal. The types of information to describe in the narrative include, but are not limited to, those listed in the following subsections.

#### Salaries and Wages

Currently there is one Water Division employee available to replace water meters, and he is a full time employee for the Water Division. Within a timeframe of 18 months to replace 697 meters, estimating 1.5 hours for each meter is a total of 1,045 hours. The base hourly rate for this employee is \$19.45 (no fringe benefits). The Town is not including this expense in this project for reimbursement or cost share as the Town is contributing cash for the required 50 percent cost share. Total wages: \$20,325.25

#### Fringe Benefits

The Town provides all regulated and required fringe benefits for its employees. For the employee who will be replacing meters additional benefits include medical, dental, and vision. The fringe benefit hourly rate for this employee is \$12.64. Estimating replacement time is 1,045 hours for 18 months, averaging 1.5 hours per meter replacement. The Town is not including this

expense for reimbursement or cost share as the Town is contributing cash for the required 50 percent cost share. Total fringe benefit: \$13,208.80

#### Travel

For the purpose of this grant application, an average of 4 miles per meter is estimated for a total of 2,788 miles. It is our understanding that the current federal mileage rate is \$0.56. The Town is not including this expense for reimbursement or cost share as the Town is contributing cash for the required 50 percent cost share. Total travel: \$1,561.28

Equipment: **None**

#### Materials and Supplies

Meters and Encoder Recorder Transmitters (ERTs). The replacement meters are an upgrade from the current meters in place. If awarded this grant, the meters purchased will be the type supported with the exiting Water Division software program. The Town will not have to change its entire software system, making this project cost effective.

There are two meters, essentially the same technology provided by two different suppliers: ¾" meters supplied by Mueller and Hydrus. The cost for each meter is \$130.00 and the cost for the accompanying encoder receiver transmitter (ERT) is \$85.00 for a total unit cost of \$215.00. The total project cost is \$149,855, which supports 697 meters and ERTs that can be purchased with this the support from the Small Scale Water Efficiency Program.

Contractual: **None**

Third-Party In-Kind Contributions: **None**

#### Environmental and Regulatory Compliance Costs

Environmental and regulatory compliance costs are unknown at this time; however, because this project is replacing existing meters, the Town believes that such costs will be unlikely. The Town will work with the Bureau to determine any necessary costs.

Other Expenses: **None**

Indirect Costs: **None**

## ENVIRONMENTAL AND CULTURAL RESOURCES COMPLIANCE

- Will the proposed project impact the surrounding environment (e.g., soil [dust], air, water [quality and quantity], animal habitat)? Please briefly describe all earth-disturbing work and any work that will affect the air, water, or animal habitat in the project area. Please also explain the impacts of such work on the surrounding environment and any steps that could be taken to minimize the impacts.

**The replacement of existing meters with new upgraded meters will require no excavation and therefore no impact to the surrounding environment including soil, air, and water.**

- Are you aware of any species listed or proposed to be listed as a Federal threatened or endangered species, or designated critical habitat in the project area? If so, would they be affected by any activities associated with the proposed project?

**There are no known listed or proposed to be listed as Federal threatened or endangered species, or designated critical habitat in the proposed areas for meter replacement.**

- Are there wetlands or other surface waters inside the project boundaries that potentially fall under CWA jurisdiction as “Waters of the United States?” If so, please describe and estimate any impacts the proposed project may have.

**There are no wetland or other surface waters in the proposal areas planned for meter replacement.**

- When was the water delivery system constructed?

**The Town’s water delivery system was established in 1909 with the F.O. Stanley Black Canyon Water Plant which has since been decommissioned.**

- Will the proposed project result in any modification of or effects to, individual features of an irrigation system (e.g., headgates, canals, or flumes)? If so, state when those features were constructed and describe the nature and timing of any extensive alterations or modifications to those features completed previously.

**This project will not result in changes or impacts to an irrigation system.**

- Are any buildings, structures, or features in the irrigation district listed or eligible for listing on the National Register of Historic Places? A cultural resources specialist at your local Reclamation office or the State Historic Preservation Office can assist in answering this question.

**There are no known impacts to any buildings, structures or features in an irrigation district or are eligible for the National Register of Historic Places listing.**

- Are there any known archeological sites in the proposed project area?

**There are no known archeological sites in the areas proposed for water meter replacement.**

- Will the proposed project have a disproportionately high and adverse effect on low income or minority populations?  
The proposed project to replace existing water meters will not have a disproportionately negative impact on low to moderate-income individuals and families. This project will not adversely affect minority individuals.
- Will the proposed project limit access to and ceremonial use of Indian sacred sites or result in other impacts on tribal lands?  
The Town's Water Division project for replacing existing water meters will not limit access to and ceremonial use of Indian sacred sites. This project will not impact tribal lands.
- Will the proposed project contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area?  
There will be no work that introduces noxious weeds or non-native invasive species to the proposed sites for this project.

## REQUIRED PERMITS OR APPROVALS

No permits are required for this project work. This is replacing existing meters. The Town Board approves the budget which includes the cost share for this project. The Water Division staff notifies property owners and/or tenants when work is conducted on their property.

## LETTERS OF PROJECT SUPPORT

This work is generally expected by water users as part of the Town's operations responsibility. Support letter from WaterNow Alliance attached (3).

## RESOLUTION

Included with this application is a draft resolution [attachment (4)] that will be submitted for legal review before presented to the Town Board of Trustees at its regularly scheduled meeting on April 13, 2021.

## UNIQUE ENTITY IDENTIFIER

The Town is registered on SAM.gov. DUNS: 078355450, CAGE Code: 3JNB2. SAM.gov verification attached (5).

Attached (6) Anti-Lobbying Certification.

	Year 1				Year 2			
SCHEDULE	Feb-May 2022	Jun-Aug 2022	Sep-Oct 2022	Nov-Dec 2022	Jan-Apr 2023	May-Jul 2023	Aug-Oct 2023	Nov-Dec 2023
<i>Milestone/Task</i>								
Task 1 - order & receive meters								
Task 2 - notify property owners re: replacement schedule								
Task 3 - notify property re: disruption to services during replacement								
Task 4 - final reading on old meter, record serial number								
Task 5 - remove old meter								
Task 6 - install new meter, record serial number								
Task 7 - confirm new meter is connecting								
Task 8 - set up billing on new meter								



BUDGET ITEM DESCRIPTION	COMPUTATION		Quantity Type	TOTAL COST
	\$/UNIT	Quantity		
<b>Salaries and Wages</b>				
Kurt Ratsch*	\$19.45	1045	hour	\$ -
Employee 2				\$ -
Employee 3				\$ -
<b>Fringe Benefits</b>				
Kurt Ratsch*	\$12.64	1045	hour	
Part-Time Employees				\$ -
<b>Travel</b>				
Miles to replace meters*	\$0.56	2788	miles	
Trip 2				\$ -
Trip 3				\$ -
<b>Equipment</b>				
Item A				\$ -
item B				\$ -
Item C				\$ -
<b>Supplies and Materials</b>				
Water meters	\$130.00	697	each	\$ 90,610.00
Encoder Receiver Transmitter (ERTs)	\$85.00	697	each	\$ 59,245.00
<b>Contractual/Construction</b>				
Contractor A	2	2		
Contractor B				\$ -
<b>Third-Party Contributions</b>				
Contributor A				\$ -
Contributor B				\$ -
<b>Other</b>				
Other				\$ -
<b>TOTAL DIRECT COSTS</b>				<b>\$ 149,855.00</b>
<b>Indirect Costs</b>				
Type of rate	percentage	\$base		
<b>TOTAL ESTIMATED PROJECT COSTS</b>				<b>\$ 149,855.00</b>

\* Employee wages and fringe benefits, and mileage is not requested for federal support or reimbursement, or for cost share contribution.

March 16, 2021

Camille Calimlim Touton  
Acting Commissioner  
Bureau of Reclamation  
1849 C Street NW  
Washington DC 20240-0001

Subject: Support of Town of Estes Park's Application for WaterSMART Grant: Smart Meter Installation Project.

Dear Acting Commissioner Touton:

On behalf of WaterNow Alliance, I am pleased to submit this letter in support of the Town of Estes Park Water Division's grant application for the U.S. Bureau of Reclamation Small-Scale Water Efficiency Program (SWEP). WaterNow Alliance, a national network of local water leaders supporting sustainable water management measures, has been working with the Town of Estes Park to identify funding opportunities to advance their water efficiency objectives and believe that this proposal would advance the core purposes of the WaterSMART SWEP grant. The proposed project is critical to supporting the Town's water use efficiency goals and will allow the Town's Water Division to continue on a path of implementing newer – and improved – efficiency technology.

The Town is proposing to replace its manual read water meters with advanced meters and Encoder Receiver Transmitters (ERTs). This financial assistance will enable the Town to significantly accelerate its meter replacement efforts leading to greater water use efficiency. The Town recognizes the many benefits of switching to smart meters and Advanced Metering Infrastructure (AMI) include but may not be limited to: (1) the ability to educate residents about their consumption habits and to flag water leaks at customers' homes; (2) improved energy efficiency by eliminating vehicle miles driven to collect monthly meter readings; (3) improved operating efficiency such as real-time data collection and storage for better troubleshooting; and (4) improved computer modeling based on actual usage resulting in improved water resources planning and billing accuracy. Meters targeted for replacement include residential and commercial properties located throughout the Town's Water Division service area. Included in the priority list are meters with failing batteries that are close to their expected useful life.

Water is a fundamental need for all of us. For most Estes Valley residents and visitors, it is the responsibility of the Town of Estes Park's Water Division to make sure everyone has access to safe, affordable and sufficient water. As the primary gateway community to Rocky Mountain National Park, Estes Park is a premiere destination. Water efficiency improvements will support the Town to be a good steward of natural resources and the environment.



We urge your favorably consideration of the Town of Estes Park's proposed project for the WaterSMART Small Scale Water Efficiency Grant. We appreciate this opportunity to support this project and the Bureau's continued effort to support local communities. Thank you for your consideration of our views.

Sincerely,

Cynthia Koehler, Executive Director  
WaterNow Alliance

**RESOLUTION XX-21**

**A RESOLUTION AUTHORIZING THE TOWN OF ESTES PARK BOARD OF TRUSTEES TO APPROVE AN APPLICATION FOR GRANT FUNDING TO THE BUREAU OF RECLAMATION TO REPLACE WATER METERS.**

**WHEREAS**, potential funding is available through the WaterSMART Small-Scale Water Efficiency Projects by the Bureau of Reclamation, Department of Interior; and

**WHEREAS**, the Town of Estes Park Utilities Department Water Division proposes for this funding opportunity to replace water meters that are beyond their useful life with new meters that are more efficient; and

**WHEREAS**, this RESOLUTION identifies the Mayor as the official with legal authority to enter into an agreement; and

**WHEREAS**, the Town Board of Trustees supports this grant application; and

**WHEREAS**, the Town Board of Trustees commits funds for the required cost share; and

**WHEREAS**, the Town Board of Trustees supports Town staff to work with the Bureau of Reclamation to meet established deadlines for entering into an agreement.

**NOW, AND THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF ESTES PARK, COLORADO:**

1. The Town of Estes Park Board of Trustees hereby approves the submission of a grant application to the Bureau of Reclamation for replacing water meters.
2. If the grant is awarded, the Town Board hereby authorizes the Town Administrator to execute the award contract from the Bureau of Reclamation.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

TOWN OF ESTES PARK

\_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
Town Clerk

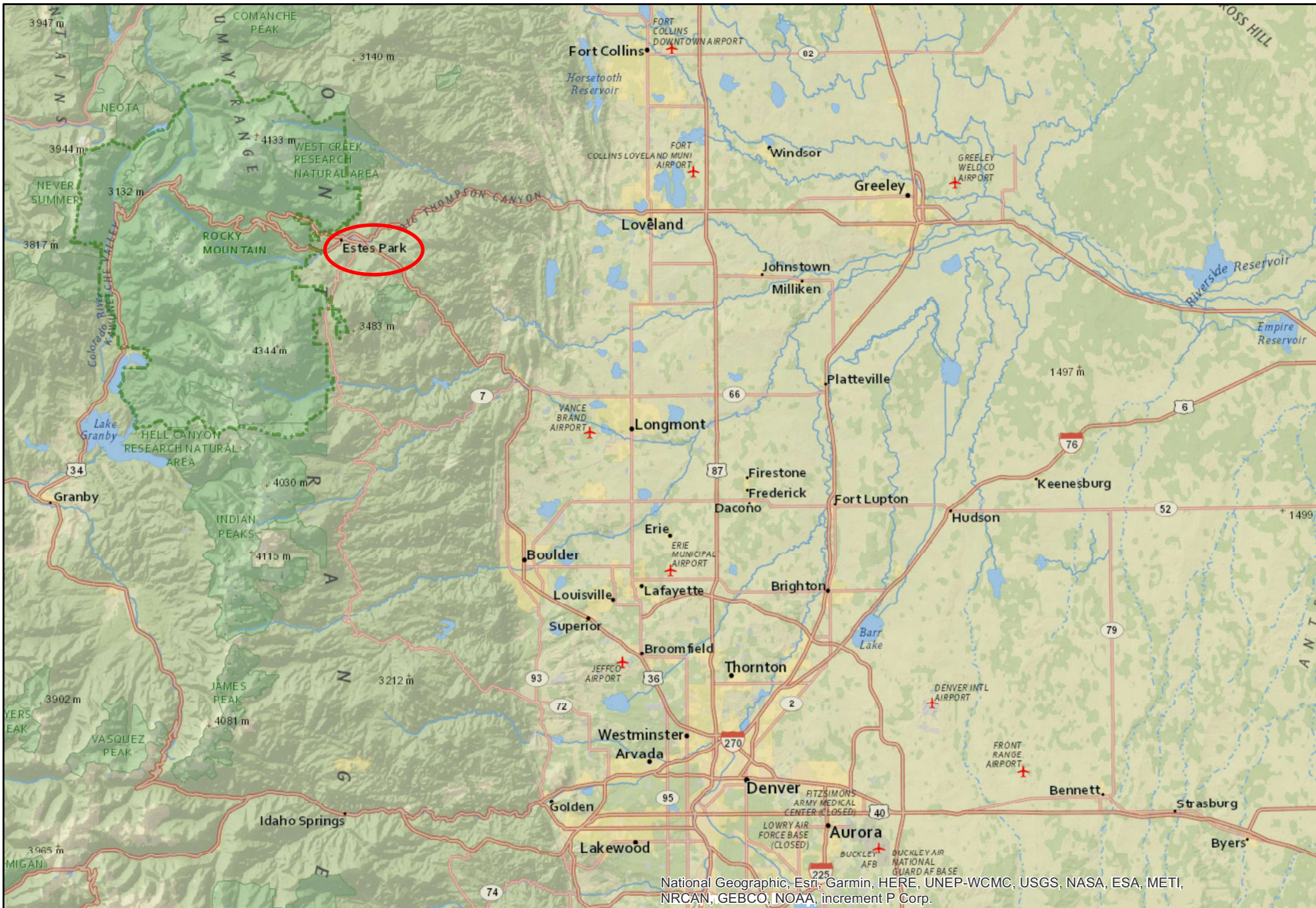
APPROVED AS TO FORM:

\_\_\_\_\_  
Town Attorney

**SAM Search Results**  
**List of records matching your search for :**

**Search Term : town of estes park\***  
**Record Status: Active**

<b>ENTITY</b> ESTES PARK, TOWN OF	Status: Active
DUNS: 078355450 +4:	CAGE Code: 3JNB2 DoDAAC:
Expiration Date: 08/18/2021	Has Active Exclusion?: No Debt Subject to Offset?: No
Address: 170 MACGREGOR AVE	
City: ESTES PARK	State/Province: COLORADO
ZIP Code: 80517-0000	Country: UNITED STATES



National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.



ESTES PARK  
COLORADO

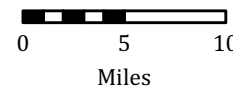
# Town of Estes Park

Utilities Dept. Water Division

## BoR WaterSMART SWEP Grant Application Vicinity Map

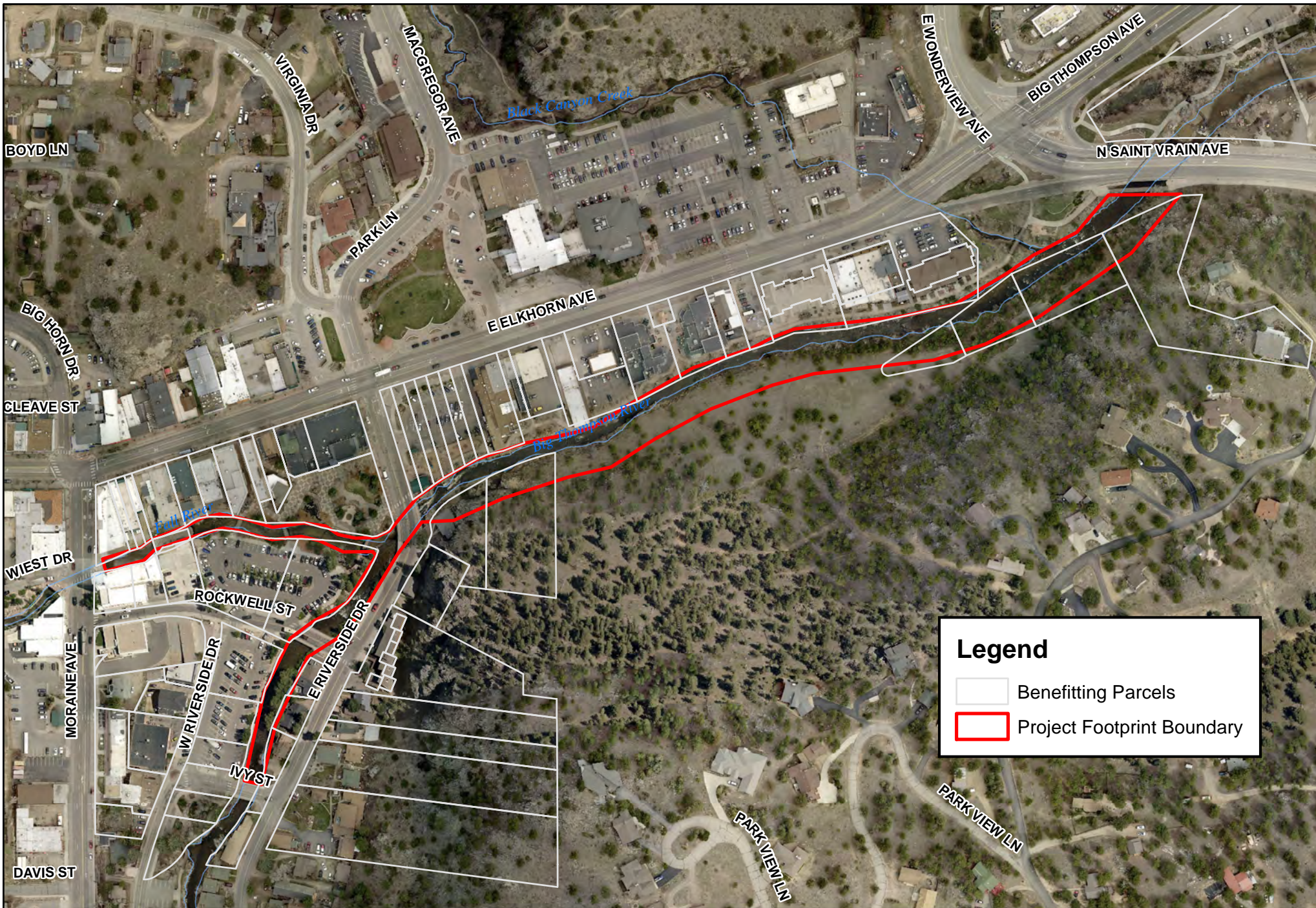


1 in = 9 miles



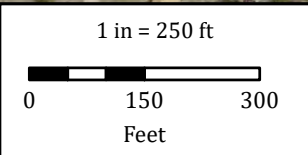
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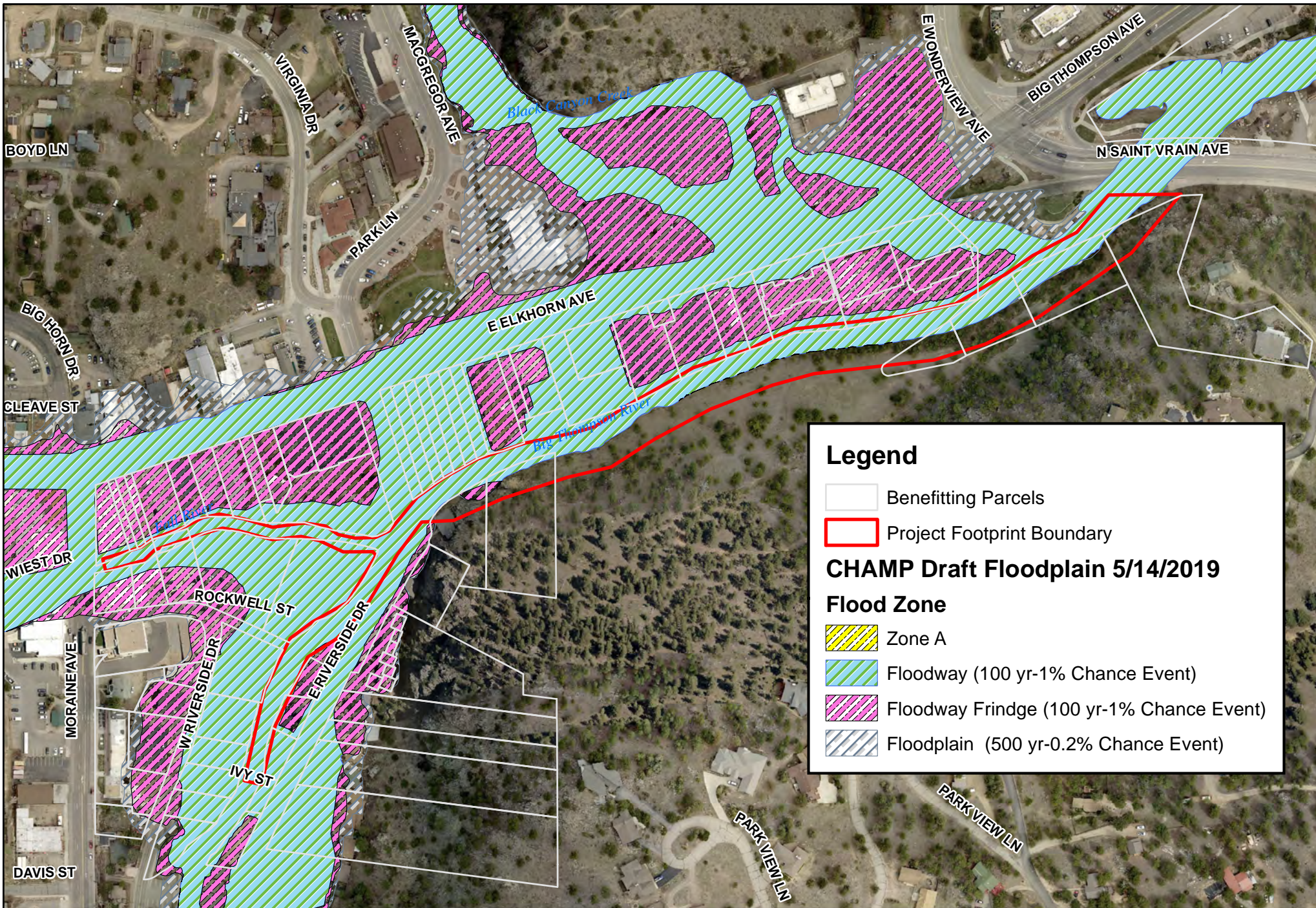
**Legend**

- Benefiting Parcels
- Project Footprint Boundary









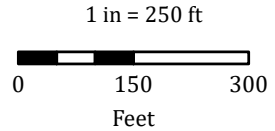
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**Legend**

-  Benefitting Parcels
-  Project Footprint Boundary
- CHAMP Draft Floodplain 5/14/2019**
- Flood Zone**
-  Zone A
-  Floodway (100 yr-1% Chance Event)
-  Floodway Frindge (100 yr-1% Chance Event)
-  Floodplain (500 yr-0.2% Chance Event)



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Estes Park Water  
Division Service  
Area

