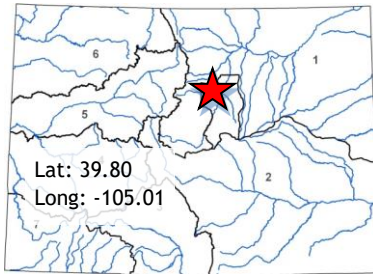




Water Plan Grant Application



L O C A T I O N	
County/Countries:	Adams
Drainage Basin:	South Platte

D E T A I L S	
Total Project Cost:	\$10,200,000
Water Plan Grant Request:	\$100,000
Recommended amount:	\$100,000
Other CWCB Funding:	\$0
Other Funding Amount:	\$6,600,000
Applicant Match:	\$3,500,000
Project Type(s): Construction	
Project Category(Categories): Environment and Recreation	
Measurable Result: 1,500 feet of streambank restored, 1.2 acres of wetland habitat, 500-1,000 Coloradans impacted by project/day.	

The Adams County Parks, Open Space, and Cultural Arts Department is responsible for maintenance of Adams County's sizable inventory of recreational and natural areas, preserved agricultural lands, and regional trails. The County also manages the Adams County Open Space Sales Tax Fund, which has contributed funding to conservation and recreation projects across the County and its partner municipalities since 1999.



There is a ten foot sheet pile drop structure in Clear Creek within the BNSF Railroad right-of-way, upstream of the South Platte River confluence. The purpose of the drop structure is to maintain the invert elevation of Clear Creek, protecting upstream BNSF infrastructure. Protection of the BNSF bridge footings became redundant when BNSF replaced their footings with a deeper foundation. Because the existing drop structure is hazardous, the project proposes to replace the ten foot drop with a series of smaller, low-hazard drop structures upstream of the BNSF bridge. The drops are designed to be navigable and include two high performance wave features followed by a series of rapid drops promoting low-flow recreation. Adams County anticipates that the additional drops will improve water quality in the area through oxygenation as the water passes over the structures. The structures will also improve fish passage. Additional stream improvements include replacing the Little Dry Creek Lake

release that currently discharges base flows via two storm sewer pipes with an open channel. Upland improvements include extending Adams County's trail system, wetland vegetation, and park amenities. This project will require major engineering within Clear Creek; CWCB grant funding would assist the project partners with vital construction aspects of the work.

Last Updated: November 2018

Colorado Water Conservation Board

Water Plan Grant Application

Instructions

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

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

Water Storage Projects
Conservation, Land Use Planning
Engagement & Innovation Activities
Agricultural Projects
Environmental & Recreation
Projects

Anna.Mauss@state.co.us
Kevin.Reidy@state.co.us
Ben.Wade@state.co.us
Alexander.Funk@state.co.us
Chris.Sturm@state.co.us

FINAL SUBMISSION: Submit all application materials in one email to

waterplan.grants@state.co.us

in the original file formats [Application (word); Statement of Work (word); Budget/Schedule (excel)]. Please do not combine documents. In the subject line, please include the funding category and name of the project.

Water Project Summary

Name of Applicant	Adams County Parks, Open Space & Cultural Resources	
Name of Water Project	Clear Creek Whitewater Park	
CWP Grant Request Amount		\$100,000
Other Funding Sources	<u>BNSF Railway</u>	\$2,250,000
Other Funding Sources	<u>UDFCD</u>	\$1,000,000
Other Funding Sources	<u>Adams OS Grant</u>	\$3,000,000
Other Funding Sources	<u>GOCO (Pending)</u>	\$350,000
Applicant Funding Contribution		\$3,500,000
Total Project Cost		\$10,200,000



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Applicant & Grantee Information	
Name of Grantee(s)	Adams County Parks, Open Space & Cultural Resources
Mailing Address	9755 Henderson Road, Brighton CO 80601
FEIN	84-6000732
Organization Contact	Aaron M. Clark
Position/Title	Natural Resource Specialist
Email	aclark@adcogov.org
Phone	(303) 637-8005
Grant Management Contact	Shannon McDowell
Position/Title	Open Space Manager
Email	smcdowell@adcogov.org
Phone	(303) 637-8039
Name of Applicant (if different than grantee)	Same as Grantee
Mailing Address	
Position/Title	
Email	
Phone	
Description of Grantee/Applicant	
Provide a brief description of the grantee's organization (100 words or less).	
<p>The Adams County Parks, Open Space, and Cultural Arts Department is responsible for maintenance of Adams County's sizable inventory of recreational and natural areas, preserved agricultural lands, and regional trails. The County also manages the Adams County Open Space Sales Tax Fund, which has contributed funding to conservation and recreation projects across the County and its partner municipalities since 1999.</p>	

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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)	
	Study
X	Construction
	Identified Projects and Processes (IPP)
	Other

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

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Location of Water Project	
Please provide the general county and coordinates of the proposed project below in decimal degrees . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Countries	Adams
Latitude	39.80
Longitude	-105.01

Water Project Overview
<p>Please provide a summary of the proposed water project (200 words or less). Include a description of the project and what the CWP Grant funding will be used for specifically (e.g., studies, permitting process, construction). Provide a description of the water supply source to be utilized or the water body affected by the project, where applicable. Include details such as acres under irrigation, types of crops irrigated, number of residential and commercial taps, length of ditch improvements, length of pipe installed, and area of habitat improvements, where applicable. If this project addresses multiple purposes or spans multiple basins, please explain.</p> <p>The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, Other Funding Sources/Amounts and Schedule.</p>
<p>A 10-foot high sheet pile drop structure in Clear Creek within the BNSF right-of-way, upstream of Pecos Street. The purpose of the drop structure is to maintain the invert elevation of Clear Creek, protecting upstream BNSF infrastructure. Protection of the BNSF bridge footings became redundant when BNSF replaced their footings with a deeper foundation. Because the existing drop structure is hazardous, the project proposes to replace the drop with a series of smaller, low-hazard drop structures upstream of the BNSF bridge. The drops are designed to be navigable and include two high performance wave features followed by a series of rapid drops promoting low-flow recreation. It is anticipated that the additional drops will improve water quality in the area through oxygenation as the water passes over the structures and will improve fish passage. Additional stream improvements include replacing the Little Dry Creek Lake release that currently discharges base flows via two storm sewer pipes with an open channel. Upland improvements include extending Adams County's trail system, wetland vegetation, and park amenities. This project will require major engineering within Clear Creek; CWCB grant funding would assist the project partners with vital construction aspects of the work.</p>

Last Updated: November 2018

Measurable Results		
To catalog measurable results achieved with the CWP Grant funds, please provide any of the following values as applicable:		
	New Storage Created (acre-feet)	
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive	
	Existing Storage Preserved or Enhanced (acre-feet)	
1500 ft of Clear Creek 440 ft of proposed open channel with base flows for Little Dry Creek Lake outfall	Length of Stream Restored or Protected (linear feet)	
	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
1.2 acres of proposed dedicated wetlands (required for wetland disturbance mitigation)	Area of Restored or Preserved Habitat (acres)	
	Quantity of Water Shared through Alternative Transfer Mechanisms	
	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning	
500-1000 Per Day	Number of Coloradans Impacted by Engagement Activity	
	Other	Explain:

Water Project Justification
<p>Provide a description of how this water project supports the goals of Colorado's Water Plan, the most recent Statewide Water Supply Initiative, and the applicable Roundtable Basin Implementation Plan and Education Action Plan. The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers).</p> <p>The proposed water project shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan Framework for State of Colorado Support for a Water Project (CWP, Section 9.4, pp. 9-43 to 9-44;)</p>

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This collaborative project supports each of “Colorado’s Water Values” as given in Chapter 1 of the Colorado Water Plan. The replacement of the dangerous and outdated drop structure with several smaller navigable drops is a safety and infrastructure improvement on this section of Clear Creek, greatly reducing the risk of drownings and serious injuries. The project will also provide for long-term channel stabilization and protect upstream infrastructure, such as the sanitary sewer line crossing near the upstream limit of the project, due to the failing condition of the existing drop structure. The project will provide stabilization in the river in a way that allows for low-hazard recreational use of the waterway. Through creation of a new recreational area in a part of Clear Creek that has been historically neglected, the Clear Creek whitewater park supports new recreation and tourism uses. The project area is within one-half mile of the new Clear Creek at Federal rail station. Adams County expects the area around the rail station to be revitalized with a mixture of high density residential and commercial uses. The Clear Creek Whitewater Park will be an important feature as there are few existing parks nearby.

Additionally, this series of smaller drops will provide enhanced oxygenation in Clear Creek, providing water quality and environmental benefits. Removal of this one large drop greatly improves navigability on Clear Creek. The existing structure must be portaged around and is a hazard to unwary boaters. The South Platte Basin Implementation Plan calls for multi-purpose projects that “address associated recreational and environmental benefits” to support its environmental and recreational goals. Among these goals is Environmental & Recreational Measurable Outcome #2, “Protect and Enhance Economic Values to Local and Statewide Economies Derives from Environmental and Recreational Water Uses, Such as Fishing, Boating, Waterfowl Hunting, Wildlife Watching, Camping and Hiking.” The Clear Creek Whitewater Park be a region-wide recreational attraction that will bring clear economic benefits to this part of Adams County, which is largely industrial but beginning to redevelop. The removal of the large, unsafe drop and addition of the smaller whitewater features will also render this section of Clear Creek navigable to boaters, making much more of the waterway available for recreation than before.

Environmental & Recreational Measurable Outcome #3, “Protect, Maintain, and Improve Conditions of Streams, Lakes, Wetlands, and Riparian Areas to Promote Self-Sustaining Fisheries and Functional Riparian and Wetland Habitat to Promote Long-Term Sustainability,” also sees progress as a result of this project. 1.2 acres of wetlands will be established in what is now Little Dry Creek Lake as a part of the project. River habitat and water quality will be improved, as the series of small drops that will be installed will provide a higher level of oxygenation to the creek.

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.

Last Updated: November 2018

Adams County *Clear Creek Corridor Master Plan*, Adopted 2018

Urban Drainage and Flood Control District: *Major Drainageway Planning, Phase A: Development of Alternate Plans for Clear Creek*: Adopted 2007

Urban Drainage and Flood Control District: *Major Drainageway Planning, Phase B: Development of Alternate Plans for Clear Creek*: Adopted 2007

Urban Drainage and Flood Control District and Adams County: *Clear Creek at BNSF Bridge Downstream of Federal Boulevard: Alternatives Analysis Report* :2016.

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.

This project has not previously received CWCB funding.

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.

This project has no TABOR issues.

Last Updated: November 2018

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	Engineer's statement of probable cost (projects over \$100,000)
x	Letters of Matching and/or Pending 3 rd Party Commitments ⁽¹⁾
Exhibit C	
x	Map (if applicable) ⁽¹⁾
x	Photos/Drawings/Reports
x	Letters of Support (Optional)
	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	
	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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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)?
Who is/are the target audience(s)? How will you reach them? How will you involve the community?
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?

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Overview (answer for both tracks)
Describe how you plan to measure and evaluate the success and impact of the project?
What research, evidence, and data support your project?
Describe potential short- and long-term challenges with this project.

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

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

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Colorado Water Conservation Board
Water Plan Grant - Exhibit A

Statement Of Work	
Date:	August 1, 2019
Name of Grantee:	Adams County Parks, Open Space, & Cultural Arts
Name of Water Project:	Clear Creek Tubing Park
Funding Source:	BNSF/UDFCD/Adams County
Water Project Overview:	
<p>An approximate 10-foot high existing sheet pile drop structure currently exists in Clear Creek within the BNSF right-of-way, upstream of Pecos Boulevard. The primary purpose of the drop structure is to maintain the invert elevation of Clear Creek, thereby protecting upstream infrastructure including the former BNSF bridge spread footings in the river. This drop structure became redundant for the bridge owners in 2012, when RTD constructed the Northwest Electrified Segment (NWES) bridge in the BNSF right-of-way that enabled BNSF to also replace their existing bridge foundation with a deeper foundation. Because this drop structure is potentially hazardous and an undesirable liability, BNSF approached Adams County about removing the drop structure and relocating it outside of BNSF right-of-way. Not only is this drop a dangerous impediment to boaters, tubers, or swimmers, but the possibility exists that this aging structure (exhibiting signs of failure) may completely fail under stress, and cause significant uncontrolled degradation to the river and adjacent areas and threaten upstream utilities and land owners. BNSF supports removal of the old drop structure and replacement with several smaller low-hazard drops upstream of the railroad Right-of-Way. After analyzing various alternatives with Urban Drainage Flood Control District and Adams County, a plan that includes instream recreation activities within the series of proposed low-hazard drop structures was adopted.</p> <p>The proposed project now involves a series of drop structures, situated in such a way as to be easily traversed by boat, board, or tube. The first two will be “high-performance” structures that can be used to create a surfable wave much like those found at River Run Park in Englewood. Because such waves will only be available in high-flow situations such as the spring runoff, the remaining structures will be constructed primarily for low-flow situations, and will be intended for activities such as tubing and paddle-boarding. This will broaden the appeal of the park to a much wider variety of users, and will also ensure that activities can take place for much more time each year, instead of the short window provided by the spring runoff. The project will involve substantial engineering work both in the bed of Clear Creek and the Little Dry Creek Lake outfall, just north of the project site. The Little Dry Creek Lake spillway will be modified due to the resulting lowering of the Clear Creek channel bed. The outlet of Little Dry Creek into Clear Creek will be replaced with an open channel. The two (2) existing 30-inch storm sewer pipes conveying base flows from Little Dry Creek Lake will be plugged and a proposed berm blocking the existing spillway will redirect Little Dry Creek flood flows to a proposed spillway channel that outfalls into Clear Creek approximately 600 feet upstream of the current outfall location.</p> <p>Substantial improvements to the upland portions of the project will also be undertaken. This will include an expanded trailhead and parking area, brought closer to the creek for greater accessibility for</p>	

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visitors carrying boats, tubes, or paddleboards. The park area to the north of Clear Creek will be landscaped, and new trails will be built to provide access to Clear Creek, as well as shelters and streamside viewing areas.

Project Objectives:

- Remove the hazardous sheet pile drop structure in BNSF right-of-way
- Install low-hazard, navigable drops with a whitewater recreation component
- Install “surf wave” structures
- Improve trailhead access for boaters & other users with parking & trails

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Tasks
Task 1 – Project Planning & Design
Description of Task:
<p>The Clear Creek Whitewater Park project has come about because of an opportunity presented to us by BNSF Railway that aligns with master plans for Clear Creek that have been created by Adams County and the Urban Drainage and Flood Control District. The team required a preliminary design to define the project scope, prepare a preliminary budget, and submit a Section 404 Individual Permit application for the proposed improvements on Clear Creek. The preliminary design initiated the County to identify funding sources and serves as a basis for final design and permitting.</p>
Method/Procedure:
<p>In August 2018, UDFCD and Adams County have contracted with Merrick & Company, Inc. to assist with planning and design of the whitewater park area. A preliminary design package includes construction documents at approximately the 30% design level. A contractor will be brought on board in late August 2019 to assist in finalizing the construction plans and budget. Future refinement of the project design will be required to keep the project within budget and finalize the construction documents. Adams County, Merrick, and UDFCD are in the process of acquiring the necessary permits from USACE, FEMA, BNSF, and others.</p>
Deliverable:
<p>Project plan, construction documents, schedule and budget.</p>

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Tasks
Task 2 – Construction
Description of Task:
<p>Once design is complete and funding has been secured, the project partners will begin construction of the Clear Creek Whitewater Park. Construction will happen in one phase due to the expense involved in performing construction tasks in the waterway. Major construction tasks include Clear Creek water control during construction and prioritizing all improvements within the BNSF right-of-way, including the sheet pile drop structure removal.</p>
Method/Procedure:
<p>The project team will hire a contractor to perform construction tasks through a bid process. The contractor is planned to be selected in late August as part of the UDFCD project partners program and will assist the team during the design phase. The team is considering contractors with similar river construction experience.</p>
Deliverable:
<p>Completion of construction work at Clear Creek Whitewater Park. Old drop structure removed, surf wave structures installed, small “tubing” drops installed, new trailhead parking and access trails complete. Upland improvements including new landscaping, access trails and shelters complete.</p> <ul style="list-style-type: none"> • Increased safety at project site due to removal of old 8’ drop structure. • Improved access to Clear Creek and high-quality recreational experience. • Water quality improvements from increased number of drops.

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Tasks
Task 3 – Project Maintenance and Monitoring
Description of Task:
<p>After construction has been completed, Adams County will operate the Clear Creek Whitewater Park as a public trailhead and recreational facility. The County will need to determine the best way to create a low-hazard and enjoyable recreational atmosphere. There will also be the more commonplace needs of maintenance of the upland and trail facilities, landscaping, and parking area. Required cleanup including sediment and debris removal is expected after high flow events when the river water overtops the banks. The riverbanks shall be monitored for erosion and scoured areas may require additional bank protection/armoring. Regular maintenance is expected on the surf wave features. The park area will require high flood warnings for users to avoid recreating in the river during high flow events.</p>
Method/Procedure:
<p>Adams County and UDFCD will employ its staff and security officers to inspect and maintain the site as needed. Signage will be provided to inform users of potential safety issues during high flow events.</p>
Deliverable:
<ul style="list-style-type: none"> • A stabilized reach of Clear Creek that is accessible to the public and has minimal safety hazards • Flood warning signage • Security route/schedule • Maintenance plans

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Repeat for Task 3, Task 4, Task 5, etc.

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:

- 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 CWCB in hard copy and electronic format 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 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.

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Performance Measures

(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.



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

Colorado Water Conservation Board

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

Prepared Date: July 30, 2019

Name of Applicant: Adams County Parks, Open Space, & Cultural Arts

Name of Water Project: Clear Creek Whitewater Park

Project Start Date:

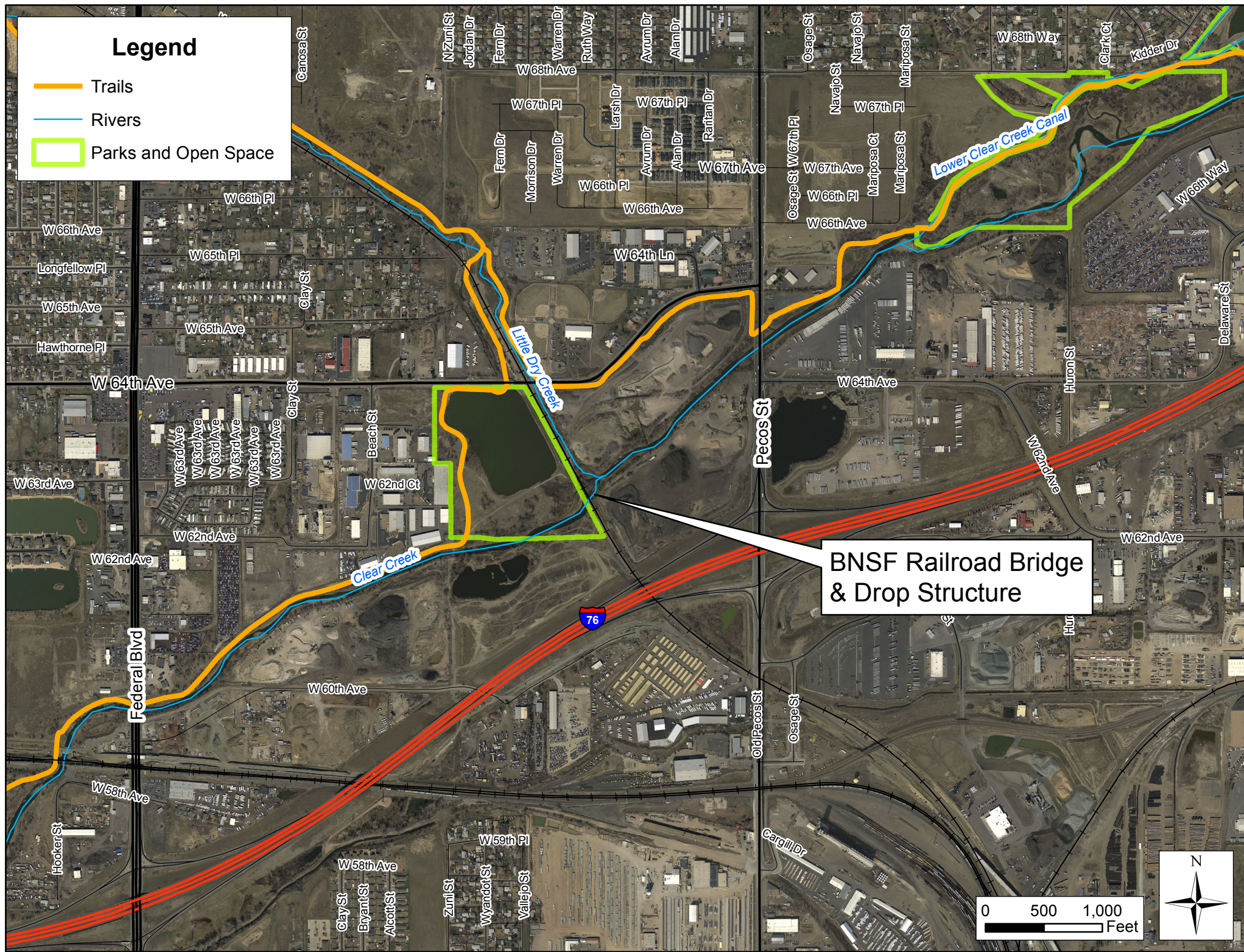
Project End Date:

Task No.	Task Description	Task Start Date	Task End Date	Grant Funding Request	Match Funding	Total
1	Little Dry Creek Spillway Reconstruction	9/2020	Mar-21		\$1,900,000.00	\$1,900,000
2	Hydraulic Structure & Channel Improvements	9/2020	3/2021	\$100,000	\$3,200,000	\$3,300,000
3	Uplands & Wetland Mitigation, Recreational Amenities & Trail Connections	3/2021	9/2021		\$1,400,000	\$1,400,000
4	Dewatering, Traffic Control, Stormwater Management, Erosion Control	9/2020	3/2021		\$1,700,000	\$1,700,000
5	Excavation	9/2020	3/2021		\$1,600,000	\$1,600,000
6	Pipe Culverts & Storm Drains	9/2020	3/2021		\$300,000	\$300,000
						\$0
						\$0
						\$0
						\$0
	These Estimates are Inclusive of Design Costs.					\$0
						\$0
						\$0
Total				\$100,000	\$10,100,000	\$10,200,000

Legend

- Trails
- Rivers
- Parks and Open Space

- ## Legend
- Trails
 - Rivers
 - Parks and Open Space





URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

Ken MacKenzie, Executive Director
2480 W. 26th Avenue, Suite 156B
Denver, CO 80211-5304

Telephone 303-455-6277
Fax 303-455-7880
www.udfcd.org

January 24, 2019

Adams County Open Space Advisory Board
Adams County Parks and Open Space Department
9755 Henderson Road
Brighton, CO 80601

Re: Grant Application for Clear Creek Tubing Park

Dear Adams County Open Space Board Members:

Thank you for your consideration of Adams County's grant application requesting funding for the Clear Creek Tubing Park. The Urban Drainage and Flood Control District (UDFCD) would like to offer our support to Adams County in their efforts to dramatically improve accessibility, safety, and recreation along Clear Creek.

This partnership between UDFCD, BNSF Railroad, and Adams County will correct a long-standing safety issue along Clear Creek, while creating a brand-new center for water recreation. The Clear Creek Tubing Park will be an attraction for tubers, surfers, kayakers, and other water-lovers from around the region. New facilities on shore will improve trail access, add seating and landscaping, and revitalize this area of Clear Creek.

This project aligns with UDFCD's vision by improving public safety and promoting a healthy river system. UDFCD has dedicated the resources to manage this important project, and with the recent passage of Measure 7G, UDFCD anticipates being able to participate financially in this project in an amount up to \$1,000,000.

UDFCD strongly supports Adams County Parks and Open Space Department's Clear Creek Tubing Park Application and requests that you give it every possible consideration.

Sincerely,

Ken A. MacKenzie
Executive Director

February 1, 2019

Adams County Open Space Advisory Board
Adams County Parks and Open Space Department
9755 Henderson Road
Brighton, CO 80601

Re: Grant Application for Clear Creek Tubing Park

Dear Adams County Open Space Board Members:

Thank you for your consideration of Adams County's grant application requesting funding for the Clear Creek Tubing Park. The Trust for Public Land would like to offer our support to Adams County and their partners in their efforts to create a new center for water recreation along Clear Creek.

We have been a critical partner with Adams County Open Space for nearly two decades, working on a wide range of projects ranging from preserving working farms along the Riverdale Road corridor, expanding the Adams County Regional Park, and most recently, the acquisition of the 174-acre Willow Bay Property at the terminus of the South Platte River Trail. Projects like these demonstrate the County's leadership within the Colorado conservation community, and its willingness to take on challenging projects to improve the quality of life of its residents.

This leadership continues with partnership between Urban Drainage, BNSF Railroad, and Adams County will correct a longstanding safety issue along Clear Creek. The Clear Creek Tubing Park will be an attraction for tubers, surfers, kayakers and other water-lovers from around the region. New facilities on shore will improve trail access, add seating and landscaping, and revitalize this area of Clear Creek. This will be a major step forward in a stretch of Clear Creek that has historically been an overlooked industrial area.

The Clear Creek Tubing Park will help to meet current and future public needs for outdoor recreation in Adams County and throughout the Denver Metro Area. With thousands of new residents moving to the Denver Metro Area each month over the several years, the existing network of parks, trails and open space throughout the region will need to be expanded to meet this growing demand.

Please give the Adams County Parks and Open Space Department's Clear Creek Tubing Park Application every possible consideration.

Sincerely,



James R. Petterson
Colorado & Southwest Director



Amber Stoffels
Manager Public Projects

BNSF Railway Company
3700 Globeville Rd.
Denver, CO 80211
303-480-6584
amber.stoffels@bnsf.com

Adams County Open Space Advisory Board
Adams County Parks and Open Space Department
9755 Henderson Road
Brighton, CO 80601

January 23rd, 2019

RE: Grant Application for Clear Creek Tubing Park

Dear Adams County Open Space Board Members:

Thank you for your consideration of Adams County's grant application requesting funding for the Clear Creek Tubing Park. BNSF Railway (BNSF) would like to offer our support to Adams County, and the Urban Drainage and Flood Control District (UDFCD) for this grant, as it will provide much needed funds for our continued partnership to improve the Clear Creek channel.

This partnership between BNSF, Adams County, and UDFCD, will drive the replacement of a single large drop structure along Clear Creek with several smaller drop structures. In addition, Adams County and UDFCD intends to create a brand-new center for water recreation. The Clear Creek Tubing Park will be an attraction for tubers, surfers, and kayakers from around the region. It has been represented to BNSF, that these new facilities on the shore will improve trail access, add seating and landscaping, and revitalize this area of Clear Creek.

BNSF Railway has agreed in principal to participate financially in the Clear Creek Tubing Park project in the amount of \$2,250,000 specifically for the replacement of the existing drop structure.

As such, we would request Adams County Parks and Open Space Department's Clear Creek Tubing Park grant application be considered and granted.

Sincerely,

A handwritten signature in black ink, appearing to read "Amber Stoffels", written in a cursive style.

Amber Stoffels

1961 West 67th Place
Denver, CO 80221
720-320-5494

February 1, 2019

Adams County Open Space Advisory Board
Adams County Parks and Open Space Department
9755 Henderson Road
Brighton, CO 80601

Re: Grant Application for Clear Creek Tubing Park

Dear Adams County Open Space Advisory Board Members:

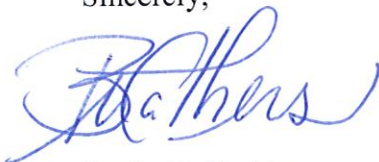
Thank you for your consideration of Adams County's grant application regarding funding for the Clear Creek Tubing Park. As a resident of the Midtown neighborhood in western Adams County, an avid outdoors person, and an open space advocate, I would like to offer my support to staff in their efforts to dramatically improve accessibility, safety, and recreation along Clear Creek.

The partnership between Urban Drainage, BNSF Railroad, and Adams County will correct a longstanding safety issue along Clear Creek, while creating a much-needed and desired center for water recreation. The Clear Creek Tubing Park will be an attraction for tubers, surfers, kayakers and other water-lovers from around the region.

The new facilities associated with the project will improve trail access, add seating and landscaping, and revitalize this area of Clear Creek. I am hopeful that an increase in the recreational values in and around this section of Clear Creek will inspire the open space department and other community-based recreation and conservation organizations to plan and implement a significant restoration of the Clear Creek corridor that enhances its scenic, ecological, and recreational values simultaneously.

Thank you for taking the time to review my thoughts on this matter. I urge you to support the efforts of the Adams County Parks and Open Space Department in the creation of the Clear Creek Tubing Park and future efforts to enhance the ecological and recreational potential of Clear Creek.

Sincerely,



Bevin G. Carithers



February 1, 2019

Adams County Open Space Advisory Board
Adams County Parks and Open Space Department
9755 Henderson Road
Brighton, CO 80601

Re: Grant Application for Clear Creek Tubing Park

Dear Adams County Open Space Board Members:

The Clear Creek Watershed Foundation has long been interested in promoting the natural riparian and in-stream values along with the incredible recreational potential of Lower Clear Creek in Adams County. We recently learned about potentially important advances in the partnership between Urban Drainage, BNSF Railroad, and Adams County that could result in the removal of the 8' drop structure that exists where the BNSF tracks cross Clear Creek just west of Pecos. We understand that this large drop may be replaced with smaller drop structures, which could incorporate some very desirable recreational features for kayakers, paddle-boarders, and tubers. We support the Parks and Open Space Department's request for funding to help with these in-stream recreational improvements and with environmental improvements along the stream bank.

A water recreation park would become a major attraction with significantly increased in-stream usage. When recreation is being encouraged, it should be noted that there are some water quality issues associated with urban stormwater runoff into Clear Creek. These issues exist almost everywhere that in-stream recreation occurs in urban areas. Levels of indicator bacteria occasionally exceed water quality standards. Therefore, when the time comes, users should be provided guidance for good water safety practices and advised to avoid ingesting raw stream water and to wash their hands following whole or partial body contact with Clear Creek.

The prospect of a water recreation park along Clear Creek is very exciting. The possibilities for fun and enjoyment are enormous. Please give the Adams County Parks and Open Space Department's Clear Creek Tubing Park Application your most favorable consideration.

Sincerely,

J. David Holm, Executive Director
Clear Creek Watershed Foundation



Colorado River Surfing Association

2373 Central Park Blvd. Suite 100
Denver, Colorado 80238
720-272-1445
driordon@mac.com

January 18, 2019

Adams County Open Space Advisory Board
Adams County Parks and Open Space Department
9755 Henderson Road
Brighton, CO 80601

Re: Grant Application for Clear Creek Tubing Park

Dear Adams County Open Space Board Members:

Thank you for your consideration of Adams County's grant application requesting funding for the Clear Creek Tubing Park. The Colorado River Surfing Association (CRSA) would like to offer our support to Adams County in their efforts to dramatically improve accessibility, safety, and recreation along Clear Creek.

This partnership between Urban Drainage, BNSF Railroad, and Adams County will correct a longstanding safety issue along Clear Creek, while creating a brand-new center for water recreation. The Clear Creek Tubing Park will be an attraction for tubers, surfers, kayakers and other water-lovers from around the region. New facilities on shore will improve trail access, add seating and landscaping, and revitalize this area of Clear Creek.

Please give the Adams County Parks and Open Space Department's Clear Creek Tubing Park Application every possible consideration.

Best regards,

A handwritten signature in black ink, appearing to read "David Riordon", with a long, sweeping horizontal line extending to the right.

David Riordon
President, Colorado River Surfing Association

cc: Marc Pedrucci, Natural Resource Manager, Parks & Open Space Department
Adams County, Colorado



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

Ken MacKenzie, Executive Director
2480 W. 26th Avenue, Suite 156B
Denver, CO 80211-5304

Telephone 303-455-6277
Fax 303-455-7880
www.udfcd.org

January 24, 2019

Adams County Open Space Advisory Board
Adams County Parks and Open Space Department
9755 Henderson Road
Brighton, CO 80601

Re: Grant Application for Clear Creek Tubing Park

Dear Adams County Open Space Board Members:

Thank you for your consideration of Adams County's grant application requesting funding for the Clear Creek Tubing Park. The Urban Drainage and Flood Control District (UDFCD) would like to offer our support to Adams County in their efforts to dramatically improve accessibility, safety, and recreation along Clear Creek.

This partnership between UDFCD, BNSF Railroad, and Adams County will correct a long-standing safety issue along Clear Creek, while creating a brand-new center for water recreation. The Clear Creek Tubing Park will be an attraction for tubers, surfers, kayakers, and other water-lovers from around the region. New facilities on shore will improve trail access, add seating and landscaping, and revitalize this area of Clear Creek.

This project aligns with UDFCD's vision by improving public safety and promoting a healthy river system. UDFCD has dedicated the resources to manage this important project, and with the recent passage of Measure 7G, UDFCD anticipates being able to participate financially in this project in an amount up to \$1,000,000.

UDFCD strongly supports Adams County Parks and Open Space Department's Clear Creek Tubing Park Application and requests that you give it every possible consideration.

Sincerely,

Ken A. MacKenzie
Executive Director



Amber Stoffels
Manager Public Projects

BNSF Railway Company
3700 Globeville Rd.
Denver, CO 80211
303-480-6584
amber.stoffels@bnsf.com

Adams County Open Space Advisory Board
Adams County Parks and Open Space Department
9755 Henderson Road
Brighton, CO 80601

January 23rd, 2019

RE: Grant Application for Clear Creek Tubing Park

Dear Adams County Open Space Board Members:

Thank you for your consideration of Adams County's grant application requesting funding for the Clear Creek Tubing Park. BNSF Railway (BNSF) would like to offer our support to Adams County, and the Urban Drainage and Flood Control District (UDFCD) for this grant, as it will provide much needed funds for our continued partnership to improve the Clear Creek channel.

This partnership between BNSF, Adams County, and UDFCD, will drive the replacement of a single large drop structure along Clear Creek with several smaller drop structures. In addition, Adams County and UDFCD intends to create a brand-new center for water recreation. The Clear Creek Tubing Park will be an attraction for tubers, surfers, and kayakers from around the region. It has been represented to BNSF, that these new facilities on the shore will improve trail access, add seating and landscaping, and revitalize this area of Clear Creek.

BNSF Railway has agreed in principal to participate financially in the Clear Creek Tubing Park project in the amount of \$2,250,000 specifically for the replacement of the existing drop structure.

As such, we would request Adams County Parks and Open Space Department's Clear Creek Tubing Park grant application be considered and granted.

Sincerely,

A handwritten signature in black ink, appearing to read "Amber Stoffels", written in a cursive style.

Amber Stoffels