

**Notice of Funding Opportunity No. R22AS00195**

**WaterSMART Grants:**

**Small-Scale Water Efficiency Projects**

**For**

**Fiscal Year 2022**



**HAIGHTS CREEK IRRIGATION COMPANY**

**Application for grant award to support the implementation of the**

**Backyard Piping Project Phase 8**

**Applicant:**

Rod Hill, General Manager  
Hights Creek Irrigation Company  
820 East 200 North  
Kaysville, Utah 84037  
(801) 546-4242

**Project Manager:**

Dan Robinson, Operator  
Hights Creek Irrigation Company  
820 East 200 North  
Kaysville, Utah 84037  
(801) 546-4242

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## Technical Proposal and Evaluation Criteria

### **(1) Executive Summary**

**Date:** March 31, 2022

**Applicant:** Hights Creek Irrigation Company, Kaysville City, Davis County, Utah

Hights Creek Irrigation Company (HCIC) is a *Category A applicant* under this Notice of Funding Opportunity (NOFO) and proposes to complete Phase 8 of its Backyard Piping Project. HCIC would use awarded funds from this funding opportunity to replace the aging back-lot transite distribution lines and galvanized steel service lines with new PVC distribution lines and HDPE service lines, installed in public rights-of-way. Flow meters will also be installed in each new service line to collect data on water use, specific to each shareholder within the project area, which, when combined with the usage reports that will be generated for metered connections, will help educate shareholders and encourage water conservation.

Construction is estimated to take six months and would be complete by the end of October 2023.

The proposed project is not located on a Federal Facility.

### **(2) Project Location**

The proposed project is located in Kaysville City, Davis County, Utah. The project latitude is 41°01'53.96"N and longitude is 111°55'07.38"W<sup>1</sup>. The Project Location Map is included as Attachment 1.

### **(3) Technical Project Description**

The proposed project will include the installation of 1,020 feet of 10-inch PVC pipe in the roadway of a residential neighborhood, which will allow HCIC to abandon the existing transite distribution lines that are within backyard easements of shareholders in the neighborhood. Replacement of the distribution lines will also necessitate the re-establishment of service connections to each of the 6 involved shareholders' irrigation systems.

A magnetic flow meter will be installed in each effected service line to collect water usage data. The collected data will be published for each metered shareholder and used to educate them on their secondary water use. The intended outcome is to promote proper irrigation application rates and overall conservation.

### **(4) Evaluation Criteria**

Please note that in the following discussions of evaluation criteria, text in **blue italics** is a direct copy from the NOFO, while text in **standard black font** is the applicant's response.

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<sup>1</sup> WGS84

***Evaluation Criterion A—Project Benefits (35 points)***

***Benefits to the Category A Applicant’s Water Delivery System:*** Describe the expected benefits to the Category A applicant’s water delivery system. Address the following:

- *Clearly explain the anticipated water management benefits to the Category A applicant’s water supply delivery system and water customers.*
  - It is expected that through implementation of the proposed project, which is part of executing the Company’s WCMP, HCIC will be moving toward a system-wide update with new technologies and practices. Completion of each phase of the system-wide update is expected to result in an incremental increase in water conservation. Implementing the proposed project will be another realization of the Company’s management plan for the efficient use of this limited natural resource.
  - Benefits to the HCIC system will be:
    - More rapid identification of leaks;
    - Easier access to pipes and service lines needing repair;
    - Elimination of the need to impact shareholders’ backyard landscaping and fencing and the associated potential for conflicts related to system management.
    - Because of the metering and reporting component of the proposed project, it is anticipated that conservation of water by individual shareholders will reduce peak-flow related stresses on the delivery system.
- *Explain the significance of the anticipated water management benefits for the Category A applicant’s water delivery system and customers. Consider:*
  - *Are customers not currently getting their full water right at certain times of year?*
    - No
  - *Does this project have the potential to prevent lawsuits or water calls?*
    - Yes
  - *What are the consequences of not making the improvement?*
    - Without implementation of the proposed project, the aging HCIC infrastructure would remain in service in individuals’ back yards where leaks may not be identified quickly enough to prevent or limit loss of water and damage to homeowner’s properties. A significant consequence of not making the proposed improvement would be continued heightened legal exposure of the Company by having aging distribution lines prone to leaks in individuals’ back yards.

- *Are customer water restrictions currently required?*
  - Yes
- *Other significant concerns that support the need for the project.*
  - None

**Broader Benefits:** *Describe the broader benefits that are expected to occur as a result of the project. Consider:*

*Will the project improve broader water supply reliability at sub-basin or basin scale?*

- *Will the proposed project increase collaboration and information sharing among water managers in the region? Please explain.*
  - HCIC currently collaborates with its primary water supplier, WBWCD, to collect usage data via WBWCD's Advanced Metering Infrastructure (AMI) and use WBWCD's template for creating shareholders' water use reports. Implementation of the proposed project will increase the number of metered secondary connections, and thereby increase the statistical reliability of the secondary water use dataset at WBWCD. The collected data will be readily accessible to WBWCD to observe and provide feedback to HCIC and each of their wholesale customer agencies, as they collectively work toward reducing per capita outdoor water consumption by 25% before the year 2025.
- *Will the proposed project positively impacts/benefit various sectors and economies within the applicable geographic area (e.g., impacts to agriculture, environment, recreation, and tourism)? Please explain.*
  - None
- *Will the project complement work being done in coordination with NRCS in the area (e.g., the area with a direct connection to the districts water supply)? Please explain.*
  - None
- *Will the project help address drought conditions at the sub-basin or basin scale? Please explain.*
  - Sub-basin benefit: Water collected at the mouth of Bair Canyon and delivered to HCIC shareholders will be conserved through improved delivery and accountability.
  - Basin benefit: WBWCD contract water is pulled out of Reclamation's Reservoirs in the Weber River drainage. When losses of Bair Canyon are reduced, the subsequent demand on WBWCD water will be reduced and Reclamation water will stay in higher-elevation reservoirs later into the season.

***Evaluation Criterion B—Planning Efforts Supporting the Project (30 points)***

***Plan Development:*** Describe how your project is supported by an existing planning effort. Identify the planning effort and who developed it. If the planning effort was not developed by the Category A applicant, describe the Category A applicant's involvement in developing the planning effort.

- HCIC was awarded a FY 2016 Water Conservation Field Services Program grant in support of development of its WCMP. The WCMP thoroughly reviewed historic and projected uses of the HCIC shareholders, system condition and design. The goal of creating and following the WCMP is to manage Company resources in such a way to conserve water. The Plan identified, as the first priority to help achieve the goal of water conservation, the proposed project, which will simultaneously address the problems of:
  - Water loss related to back yard distribution mains and services; and
  - Poor public perception when landscaping or other yard features are impacted during repair efforts;
    - Even though HCIC is carrying out their mandate to operate and manage the distribution system for shareholders when they enter back yards, the disturbance is still potentially annoying and conflict-prone for many shareholders; and
  - Misapplication of water by shareholders related to the lack of metering and reporting.
- An excerpt from the WCMP stating top priority for the proposed project is included as Attachment 2.

***Support for the Project:*** Describe to what extent the proposed project is supported by the identified plan. Address the following:

- *Is the project identified specifically in the planning effort?*
  - Yes
- *Explain whether the proposed project implement a goal or address a need or problem identified in the existing planning effort?*
  - As summarized in the attached reproduction of the first page of the Project Priorities and Implementation section of the WCMP, implementation of the proposed project will help accomplish the goals of improving efficient management and increasing water conservation.
- *Explain how the proposed project has been determined as a priority in the existing planning effort as opposed to other potential projects/measures.*
  - The proposed project has been determined as a priority over other potential projects because of the multiple problems that could be addressed relatively

quickly and easily through its implementation. The proposed project addresses the problems of *water loss, poor public perception and liability, and misapplication*. Other identified projects do not address legal liability issues as much as the proposed project.

### ***Evaluation Criterion C—Implementation and Results (20 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.*
  - Detailed construction plans for the project will be developed following notice of grant award. HCIC has installation details for distribution lines, service connections and meters that will be used to accelerate the creation of a biddable plan set.
  - After bidding and award of contract, it is expected that the distribution lines, service lines and meters will be installed during the 2023 irrigation season. Connections and surface restoration will take place before October 2023, with final reports and project closeout completed by November 2023. The project schedule will be accelerated where feasible and beneficial.
- *Describe any permits that will be required, along with the process for obtaining such permits.*
  - Local permitting will be required for excavation within the roadway for implementation of this project. The general contractor retained to construct the proposed project will be required to secure necessary permits before performing any excavation work.
- *Identify and describe any engineering or design work performed specifically in support of the proposed project.*
  - Engineering principles were applied during the process of developing HCICs Water Conservation and Management Plan. Within that plan, the problems of water losses and inefficiencies were identified and quantified. Solutions to the problems were also prioritized within the plan. The proposed project is a phase of the solution identified with the highest priority for implementation. Specific design work has not been done, but HCIC's standard details and specifications will be incorporated into a biddable construction set and will thus support implementation of the proposed project.
- *Describe any new policies or administrative actions required to implement the project.*
  - None
- *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?*

- It is anticipated that the environmental and cultural resource compliance will be completed in 3-6 months after notice of grant award, if awarded. The timeline for completion was discussed by the Bureau's NEPA Specialist in the Provo Area Office, Mr. Jared Baxter

#### ***Evaluation Criterion D— Nexus to Reclamation (5 points)***

- *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. Stand-alone water rights held by HCIC are supplemented with Reclamation's Weber Basin Project water, through contracts with WBWCD.
  - *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. The proposed project is in the same basin as the Weber Basin Project.
  - *Will the proposed work contribute water to a basin where a Reclamation project is located?*  
Yes. Through conservation, the net effect of implementation of the proposed project will be the contribution of water to the Weber Basin Project.

#### ***Evaluation Criterion E— Presidential and Department of the Interior Priorities (10 points)***

##### ***Combating the Climate Crisis***

- *Please provide specific details and examples on how the project will address the impacts of climate change and help combat the climate crisis.*
  - This project will replace aging back-lot distribution pipelines and install water meters on previously un-metered services. Installation of the new pipelines in public rights-of-way is intended to reduce the likelihood of leaks and speed the visibility and repair of leaks when they do happen. Installation of meters is intended to inform customers of their water use and provide them with the information needed to make wise irrigation choices. Both intended outcomes will help utilize water more efficiently. Efficient water use addresses the impacts (warmer weather/increased evapotranspiration, warmer and shorter winters/decreased snowpack/less recharge of reservoirs



and aquifers throughout the year meaning that the “one time” reservoir capacity must be used efficiently) of climate change. Wise and efficient water use by all will help avert and/or minimize a crisis related to the impacts of climate change.

- *Does this proposed project strengthen water supply sustainability to increase resilience to climate change?*
  - Yes
- *Does the proposed project contribute to climate change resiliency in other ways not described above?*
  - No

#### ***Disadvantaged or Underserved Communities***

- *Will the proposed project serve or benefit a disadvantaged or historically underserved community? Benefits can include, but are not limited to, public health and safety by addressing water quality, new water supplies, or economic growth opportunities.*
  - No

#### ***Tribal Benefits***

- *Does the proposed project directly serve and/or benefit a Tribe? Will the project improve water management for a Tribe?*
  - No
- *Does the proposed project support Tribal resilience to climate change and drought impacts or provide other Tribal benefits such as improved public health and safety by addressing water quality, new water supplies, or economic growth opportunities?*
  - No

#### ***Overlap or Duplication of Effort Statement***

- There is no overlap between the proposed project and any other active or anticipated proposals or projects in terms of activities, costs, or commitment of key personnel.
- The proposal submitted for consideration under this program does not in any way duplicate any proposal or project that has been or will be submitted for funding consideration to any other potential funding source.

**Project Budget**

**(1) Funding Plan and Letters of Funding Commitment**

*Describe how the non-Federal share of project costs will be obtained. Reclamation will use this information in making a determination of financial capability.*

The non-Federal funds for the cost share are currently held in a cash account by HCIC and ready for immediate disbursement as a match to awarded grant monies.

*Identify whether the budget proposal includes any project costs that have been or may be incurred prior to award.* The budget proposal for the project does not include any project costs that have been or may be incurred prior to award.

**(2) Budget Proposal**

**Table 1.—Summary of Non-Federal and Federal Funding Sources**

<b>FUNDING SOURCES</b>	<b>AMOUNT</b>
<b>Non-Federal Entities</b>	
1. Hights Creek Irrigation Company (Applicant)	\$109,427
2.	
3.	
<b>Non-Federal Subtotal</b>	\$109,427
<b>REQUESTED RECLAMATION FUNDING</b>	<b>\$100,000</b>

**Table 2.—Total Project Cost Table**

<b>SOURCE</b>	<b>AMOUNT</b>
Costs to be reimbursed with the requested Federal Funding	\$0
Costs to be paid by the applicant	\$109,427
Value of third-party contributions	\$0
<b>REQUESTED RECLAMATION FUNDING</b>	<b>\$100,000</b>

Please see the proposed project’s detailed budget estimate on the following page.

**Table 3.—Budget Proposal**

BUDGET ITEM DESCRIPTION	COMPUTATION		Qty Type	TOTAL COST
	\$/Unit	Quantity		
<b>Salaries and Wages</b>	<b>0</b>			<b>\$0</b>
<b>Fringe Benefits</b>	<b>0</b>			<b>\$0</b>
<b>Equipment</b>	<b>0</b>			<b>\$0</b>
<b>Supplies and Materials</b>	<b>0</b>			<b>\$0</b>
<b>Contractual/Construction</b>				<b>\$204,427</b>
Engineer (Gardner Engineering)				
Engineering/Design	\$9,464	1	LS	\$9,464
Construction Management	\$5,679	1	LS	\$5,679
Civil Construction (TBD)				
Mobilization	\$8,000	1	LS	\$8,000
Traffic Control	\$1,000	1	LS	\$1,000
Saw cut asphalt or concrete	\$1.50	2,240	LF	\$3,360
Remove existing asphalt/concrete	\$260	17	Load	\$4,420
Pipe bedding and backfill material	\$235	14	Load	\$3,290
Road Base	\$255	34	Load	\$8,670
Asphalt Repair	\$196	230	Ton	\$45,080
10" C-900 DR18 PVC Waterline	\$77	1020	LF	\$78,540
6" C-900 DR 18 PVC Waterline	\$62	80	LF	\$4,928
4" C-900 DR 18 PVC Waterline	\$49	20	LF	\$986
Install 45 Degree 10" Fitting	\$1,250	1	EA	\$1,250
Reconnect 4" Main at Edgehill	\$3,200	1	EA	\$3,200
Reconnect 6" Main at Edgehill	\$3,200	1	EA	\$3,200
Reconnect 8" Main at 900 East	\$3,200	1	EA	\$3,200
Reconnect 6" Main at School	\$4,000	1	EA	\$4,000
10" x 8" Reducer at PRV	\$4,500	1	EA	\$4,500
Single service Laterals	\$2,530	2	EA	\$5,060
Double service Laterals	\$3,300	2	EA	\$6,600
<b>Third-Party In-Kind Contributions</b>	<b>0</b>			<b>\$0</b>
<b>Other</b>	<b>0</b>			<b>\$0</b>
Environmental Compliance	\$5,000	1	LS	\$5,000
<b>TOTAL DIRECT COSTS</b>				<b>\$209,427</b>
<b>Indirect Costs</b>	<b>%</b>	<b>\$base</b>		<b>\$0</b>
<b>TOTAL ESTIMATED PROJECT COSTS</b>				<b>\$209,427</b>

**(3) Budget Narrative****Salaries and Wages**

No HCIC Salaries or Wages are included. HCIC staff time associated with implementation of the proposed project will be accounted as normal costs of business.

**Fringe Benefits**

No Fringe Benefits are included.

**Travel**

No travel related expenses are included in this estimate.

**Equipment**

Equipment will be part of the contracted portion of the project.

**Materials and Supplies**

Material and Supplies will be part of the contracted portion of the project and will be documented as required.

**Contractual**

The Engineering and Design Contract will include design at 5 percent and construction management at 3 percent of anticipated construction costs.

HCIC will invite bids for the construction portion of the project in accordance with its purchasing policy. The contractual costs shown are estimates to furnish and install each major component. Generally, the lowest bidder with acceptable qualifications will be selected.

The Contractor will be hired to perform mobilization (estimated 5% of construction cost), Traffic Control (estimated 2.5% of construction cost), furnish and install all pipe, fittings, meters, granular materials and surface improvements related to implementation of the proposed project.

Items of work with their associated quantities and quantity types included in the budget proposal were identified based on the applicant's planning efforts and knowledge of construction means and methods. The applicant relied upon the bid values and expenses of previous phases of this Backyard Piping Project for development of the detailed budget cost.

**Third-Party In-Kind Contributions**

No Third-Party In-Kind Contributions will be made on this project.

**Environmental and Regulatory Compliance Costs**

Reclamation was consulted for an appropriate compliance cost to include in the subject

budget proposal, along with appropriate timeline. An excerpt from the resulting email is quoted below:

*Based on the information provided, I expect the work could be done under a categorical exclusion (CE). We typically tell folks that it will take 3-6 months to complete a CE once we have a complete proposed action that doesn't change...Reclamation's cost to complete a CE can vary dramatically depending on the impacts of the project and therefore the services needed to complete environmental compliance. It can range from less than \$5,000 to more than \$25,000. I would expect this project would be on the lower end of the spectrum, though I cannot guarantee that that would be the case if your project is awarded the grant.*

*Please also note that since there will be ground disturbance, cultural surveys may be required. If surveys are required, Reclamation typically expects the grant recipient to contract that work to a qualified archaeologist. The grant recipient is also responsible for mitigation of adverse effects to cultural resources, if applicable.*

**Other Expenses**

No other expenses are included.

**Indirect Costs**

No indirect costs are included.

## Environmental and Cultural Resources Compliance

### ***Environmental and Cultural Resource Considerations***

*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.*

Yes. Construction activities will include shallow<sup>2</sup> pipeline trench excavation in previously-disturbed public rights-of-way, creating a potential for increased dust and adding construction vehicle traffic. The contractor will be required to develop and implement a Fugitive Dust Control Plan<sup>3</sup>.

A storm water pollution prevention plan will be developed, and best management practices incorporated into the work to minimize any negative effects on storm water quality during construction.

Landscaping on previously disturbed residential properties will also be effected. Surface improvements will be restored as part of the proposed project.

*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?*

No.

*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.*

No.

*When was the water delivery system constructed?*

HCIC was organized in 1899 with a delivery system consisting of ponds, canals and ditches. In the 1960's, the canals and ditches were converted to pressurized pipes.

*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.*

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<sup>2</sup> 40" anticipated excavation depth to accommodate the installation of a 10" diameter pipe with the top of pipe being 24" below the finished road surface.

<sup>3</sup> Required by the State Division of Air Quality, R307-309-6 of the Utah Administrative Code

Yes. Implementation of the proposed project will result in the abandonment in-place of pressure pipelines installed in the 1960's. The applicant is not aware of any extensive alterations or modifications to the mentioned pipelines completed previously.

*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.*

It does not appear to the HCIC that there are any buildings, structures or features within the project limits that would be eligible for listing on the National Register of Historic Places. Further, the local Reclamation Office was consulted regarding such and their response was, "there have been no surveys performed in that area so we do not know if there are cultural resources nearby."

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

No.

*Will the proposed project have a disproportionately high and adverse effect on low income or minority populations?*

No.

*Will the proposed project limit access to and ceremonial use of Indian sacred sites or result in other impacts on tribal lands?*

No.

*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?*

No.

**Required Permits or Approvals**

*Applicants must state in the application whether any permits or approvals are required and explain the plan for obtaining such permits or approvals.*

Local permitting will be required for excavation within the roadway for implementation of this project. The onus for securing road-cut permits will be on the general contractor retained to construct the proposed project. The permits will be obtained before performing any excavation work.

**Letters of Project Support and Letters of Partnership**

Letters of support from the Utah State Division of Wildlife Resources and WBWCD are included as Attachment 3. The applicant is not party to any partnership, nor does it intend to enter into any partnerships.

**Official Resolution**

*Include an official resolution adopted by the applicant's governing body to commit the applicant to the financial and legal obligations associated with receipt of a financial assistance award under this FOA.*

See Attachment 4.





GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Wildlife Resources

MICHAEL D. FOWLKS  
Division Director

April 17, 2019

Rodney Hill  
General Manager  
Hights Creek Irrigation Company  
820 East 200 North  
Kaysville, UT 84307

Subject: U.S. Bureau of Reclamation Small-Scale Water Efficiency Projects

Dear Mr. Hill:

As the Aquatics Program Manager in Northern Utah for the Utah Division of Wildlife Resources (UDWR), I am pleased to write in support of the grant application you are submitting to the U.S. Bureau of Reclamation Small-Scale Water Efficiency Projects Program. I applaud your efforts to increase the efficiency of your system and conserve valuable water and energy. All water savings in the Weber River watershed are valuable to ensure that we have adequate water for future generations.

The Bonneville Cutthroat Trout and Bluehead Sucker are native fish species found in portions of the Weber River. Both species are covered by conservation agreements the State of Utah has entered into with the U.S. Fish and Wildlife Service and other parties. The population status of these two sensitive species warrants additional conservation effort to diminish the likelihood of future listings under the Endangered Species Act. The population of Bonneville Cutthroat Trout in the lower Weber River is quite unique in that they travel considerable distances in the mainstem of the Weber River and ultimately up tributary streams to spawn. This life history attribute has been lost from almost all other Bonneville Cutthroat Trout populations, but still persists in the Weber River!

The UDWR's approach to aquatic species management and conservation in the Weber River, in part, focuses on reconnecting and maintaining connectivity of priority habitats by removing unnecessary barriers to fish migration, or by modifying existing barriers to allow upstream movement of these species, particularly for Bonneville Cutthroat Trout and Bluehead Sucker. Naturally of course, stable and connecting flows between those habitats are a fundamental requirement for those conservation actions to be successful. Within that context, most any project that enhances the continuity and maintenance of flows within the Weber River is a step in the right direction, as we work cooperatively to protect and conserve these native species.



Page 2  
April 17, 2019

We are very excited regarding the objective of water metering and conservation within the Hights Irrigation grant proposal as efficiency efforts such as this one help ensure that the Bonneville Cutthroat Trout and Bluehead Sucker have adequate flows to carry out their life history requirements and thrive within the Weber River system.

Sincerely,

A handwritten signature in black ink that reads "Christopher R. Penne". The signature is written in a cursive style with a large initial 'C' and 'P'.

Chris Penne

Aquatics Program Manager, Norther Region  
Utah Division of Wildlife Resources



# WEBER BASIN WATER CONSERVANCY DISTRICT

2837 East Highway 193 • Layton, Utah 84040 • Phone (801) 771-1677 • (SLC) 359-4494 • Fax (801) 544-0103

Tage I. Flint  
General Manager/CEO

April 17, 2019

Board of Trustees:

Paul C. Summers  
President  
Davis County

Kym O. Buttschardt  
Weber County

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Weber County

Kerry W. Gibson  
Weber County

Marlin K. Jensen  
Weber County

P. Bret Millburn  
Davis County

John Petroff Jr.  
Davis County

Dave Ure  
Summit County

Dee Alan Waldron  
Morgan County

Rod Hill, General Manager  
Haight's Creek Irrigation Company  
820 East 200 North  
Kaysville, UT 84037

**RE: Letter of Support for Small-Scale Water Efficiency Project**

Dear West:

Weber Basin Water Conservancy District ("District") is pleased to confirm its support of your grant application to the Bureau of Reclamation for a Small-Scale Water Efficiency Project. We applaud your efforts to increase the efficiency of your system to conserve valuable water through secondary water metering. We have implemented similar secondary metering projects and have documented significant water savings as consumers are made aware of their water use.

The District recognizes the importance of water conservation in our basin. The water saved through these improvement projects will provide benefits to water users and the regional environment. Haight's Creek Irrigation Company continues to be a valuable partner promoting wise water uses in our area.

We strongly support your grant application and appreciate the advancements it will make in water savings and improving water efficiencies within the District's boundaries.

Sincerely,

Tage I. Flint, PE  
General Manager/CEO

TIF/dh

**Resolution**  
**By the Board of Directors**  
**Hights Creek irrigation Company**  
**Board of Directors Meeting Held April 12, 2022**

RESOLUTION:

WHEREAS, it was determined during the meeting of the Board of Directors of Hights Creek Irrigation Company (the Company), that an effort should be made to apply for the WaterSMART Grants: Small-Scale Water Efficiency Projects for Fiscal Year 2022. And that the Company President and/or the Company General Manager and Treasurer are authorized to submit completed applications for the above referenced funding grant opportunities;

AND WHEREAS, the Company has the ability to provide the amount of funding and/or in-kind contributions as specified in the funding plan;

AND WHEREAS, the Company will work with the Bureau of Reclamation to meet established deadlines for entering into grant or cooperative agreements;

AND WHEREAS; the Board of Directors of the Company have reviewed the finished/completed applications prior to the submission of the final applications to the Department of the Interior, Bureau of Reclamation.

THEREFORE, BE IT RESOLVED that at the meeting of the Board of Directors of the Hights Creek Irrigation Company, held April 12, 2022, that Leland (Lee) G. Stenquist, Director and President of Hights Creek Irrigation Company, and Rodney G. Hill, General Manager and Treasurer of Hights Creek Irrigation Company, are authorized to submit completed applications for the above referenced funding grant opportunities.

CERTIFICATION:

I, Leland (Lee) G. Stenquist, certify that I am a Director and President of the Hights Creek Irrigation Company, organized under the laws of the State of Utah, and that the resolution stated above was adopted at a meeting of the Board of Directors of the Company duly and properly called and held on April 12, 2022.

  
\_\_\_\_\_  
Leland (Lee) G. Stenquist, Director and President  
Hights Creek Irrigation Company

04-12-2022  
Date

ATTEST:

  
\_\_\_\_\_  
Jace C. Isaacson, Director and Secretary  
Hights Creek Irrigation Company

4-12-2022  
Date