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## **Application for the System Conservation Pilot Program (SCPP) (2023)**

**Please send the completed application to your state contact  
and to the Upper Colorado River Commission (UCRC):**

**For Colorado: Amy Ostdiek, [amy.ostdiek@state.co.us](mailto:amy.ostdiek@state.co.us)**

**For New Mexico: Ali Effati, [ali.effati@ose.nm.gov](mailto:ali.effati@ose.nm.gov)**

**For Utah: Lily Bosworth, [lbosworth@utah.gov](mailto:lbosworth@utah.gov)**

**For Wyoming: Jeff Cowley, [jeff.cowley@wyo.gov](mailto:jeff.cowley@wyo.gov)**

**For UCRC: Sara Larsen,  
[scpp@ucrcommission.com](mailto:scpp@ucrcommission.com)**

**Project applicants should anticipate working with their state counterparts to complete portions of this application, including the development of project location/spatial information and other verification procedures. For questions, please reach out to your state contact above, and/or UCRC.**

Landowner Information – Principal's Name(s) and/or Legal Holding Name		
Mitch Ryan		
E-mail Address	Phone Number	Date
████████████████████	████████████████	2/21/2023
Address		
████████████████████		
City	State	Zip Code
██████	██	██████
Agent Name and Contact Information		
Proposed System Conservation Pilot Program Project Description Summary (if needed, provide details on additional sheets attached to this application)		
<p>For the purposes of participating in the water conservation pilot program, Mitch Ryan will fallow one 13-acre field. Mr. Ryan is a producer in ██████████ and produces corn, soybeans, alfalfa, and beans for commercial sale and to produce feed for livestock. ██████████. In order to avoid unnecessary loss of income, Mitch requests notice of application acceptance by April 1<sup>st</sup> 2023, or he will decline to participate in SCPP and farm this field normally.</p> <p>The potential fallowed field is irrigated with water from ██████████. The water rights are diverted from the ██████████. Water User is interested in exploring the effectiveness of cover cropping and deficit irrigation to reduce water consumption, a tool to mitigate impacts of water supply shortages, and investigate the amount of water that could be conserved by not growing alfalfa or corn, as is typical in the region.</p> <p>Water User will fallow the 13-acre field from April 1<sup>st</sup> to September 1<sup>st</sup> 2023. He will then plant small grain cover crops on subject fields on or after September 1 2023 and will irrigate</p>		

to the end of the irrigation year or to the first frost of the year. [REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

**Project Location**

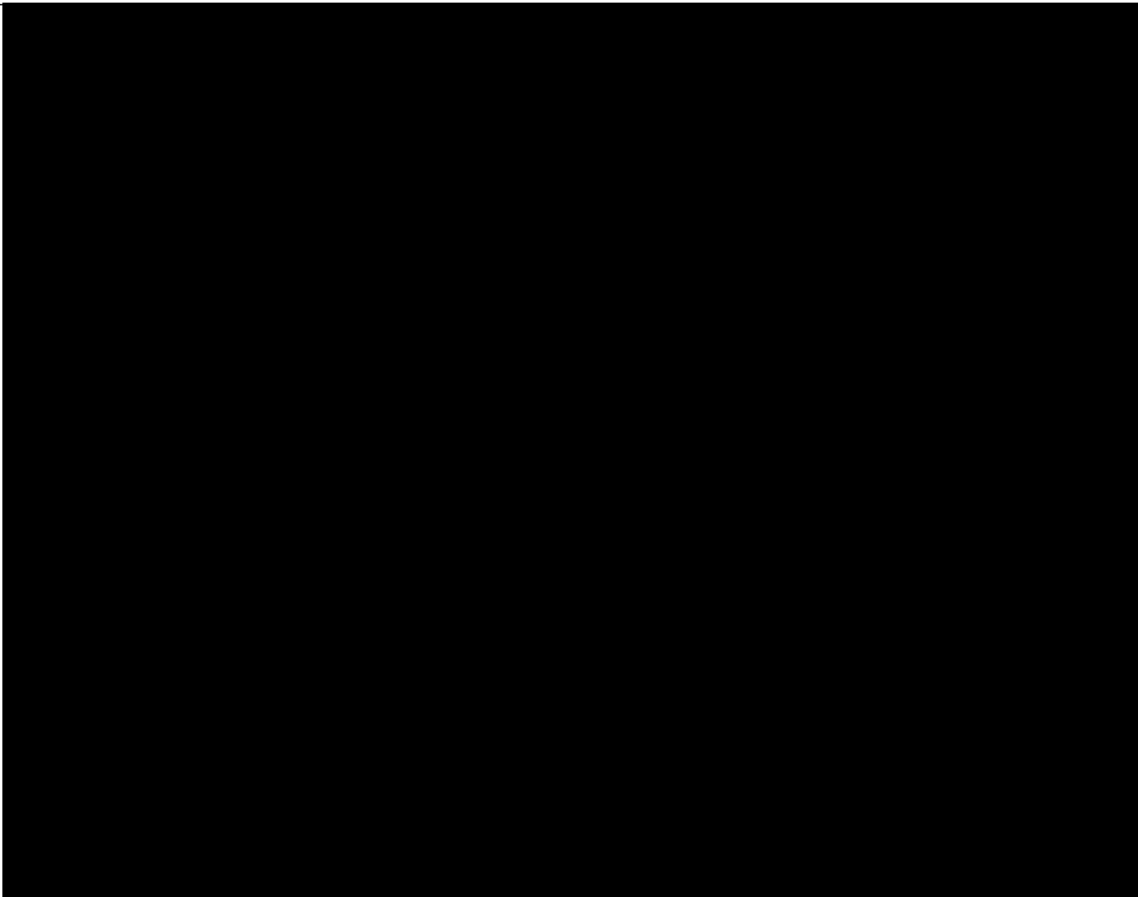
(Provide a narrative description of the potential project location. Include project address, if applicable, T&R Sections, lat/long for general project location, or attach a map with a project area/boundary)

Approximately 13 acres [REDACTED]  
[REDACTED]



**Description of Current Water Use**

(Provide a narrative description of the current water use, including the place of use (attach a map of project are/boundary, if applicable))



**Water Right Information**

(Provide the identification information and a description of the water right(s) being utilized by the project. Include permit number, facility (ditch) name, priority date, and (if adjudicated) Certificate No. and share numbers.)

[Redacted text block containing several lines of blacked-out information]

**Diversion Point(s) and Measurement Device(s)**

(Provide a narrative description of the location of the point(s) of diversion and identify any existing measurement devices (attach a map with project points of diversion preferred))

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

[REDACTED] [REDACTED]

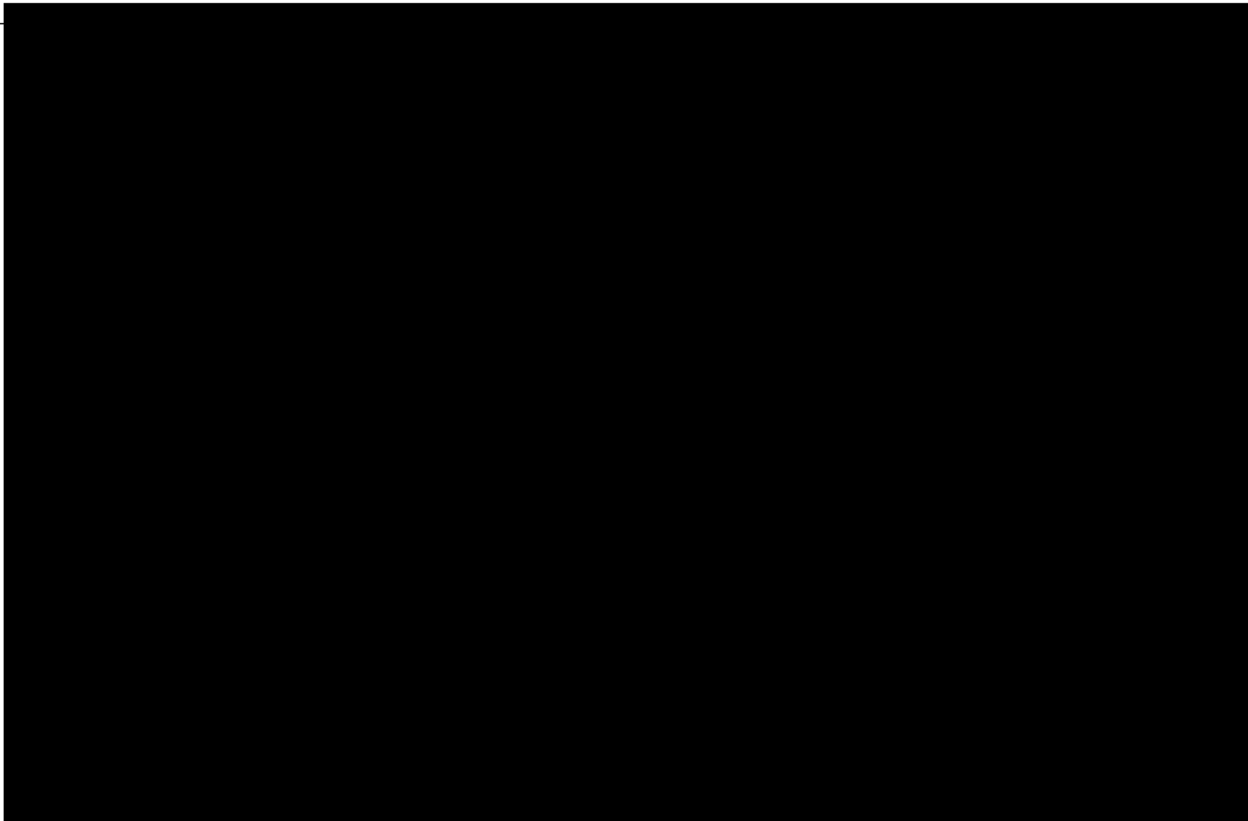
[REDACTED] [REDACTED]

Measuring Point:

Device Type: Flow Control

Control Type: Parshall Flume

[REDACTED]



**Estimated Amount of Water Conservation Per Year or Over the Life of the Proposed Project (Acre-feet)**

(Provide supporting information or methodology for estimating water conservation volumes in acre-feet)

Estimate of water conservation volumes was calculated by Wilson Water Group, eemetric from 2017-2022.

Project Type: Partial Fallow plus Crop Switch  
Fallow from April 1 to August 30th.  
Crop switch to triticale from Sept 1 to Oct 31st.  
Acres = 12.9



Total = 21.77 ac-ft

**Proposed Verification Method**

(Describe how the Upper Colorado River Commission and State staff could verify the reduction in consumptive use.)

Reduction in consumptive use will be verified during the irrigation season with monthly photos of the fallowed field and ditch laterals delivering water to the field. Verification and of actual CCU will be completed at the end of the irrigation season in coordination with Wilson Water Group and using OpenEt, eemetric and a combination of consumptive water use models estimates.

Conserved water not used for irrigating the field during the 2023 SCPP program will be returned to the river, [REDACTED]

**Timeframe/Schedule**

(Describe the timing of the conservation actions proposed by the project (e.g., when irrigation season would normally begin, when the water conservation action will begin, etc.))

Water user will forego irrigation on the field from the start of the irrigation season, April 1<sup>st</sup>, to September 1<sup>st</sup>. Triticale seed will be planted on September 1<sup>st</sup> and watered to the end of the irrigation season to germinate. [REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]



This water conservation approach will allow production of a lower value crop that will be used to maintain livestock operations and reduce the risk of weed infestation on the participating field.

**Funding Request**

(If above the SCPP RFP's stated firm fixed price of \$150.00/acre-foot, please describe the funding request for the proposed project. Please include any relevant market information or other bases for an increase over the firm fixed price of \$150.00/acre-foot.)

[Redacted text block]

[Redacted text block]

**Additional Information**

(Include any additional information that would be helpful in understanding your proposal.)

[Redacted text block]

NOTE: Selected System Conservation Pilot Program project information may be subject to Upper Division State Open Records laws.