



# UTAH DIVERSION MEASUREMENT & TELEMETRY (UDMT) PROGRAM

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## INFORMATIONAL WEBINAR

Batch #2 September 22, 2026

\*THIS WEBINAR IS BEING RECORDED\*

# WEBINAR OUTLINE



- **Program overview**
- **Benefits to water users**
- **Project examples**
- **Demonstrate the application process**
- **Timeline**
- **Resources**
- **Contact information**



# UTAH DIVERSION MEASUREMENT AND TELEMETRY PROGRAM

**Federally funded**, collaborative initiative between the **Upper Colorado River Commission** and the **Colorado River Authority of Utah** with support from Jones & DeMille Engineering.

- Funding Source: Bureau of Reclamation through the Infrastructure Investment and Jobs Act (IIJA)
- Funding administered by UCRC to the four Upper Basin States. Utah received ~ \$3 million.

**Program Goal: Install measurement and telemetry devices on diversion structures across the Upper Colorado River Basin within the State of Utah.**





# PROGRAM OBJECTIVES

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**Objective #1:** Enhance real-time water monitoring infrastructure

**Objective #2:** Support the implementation of the Upper Colorado River Basin Drought Contingency Plan (DCP)

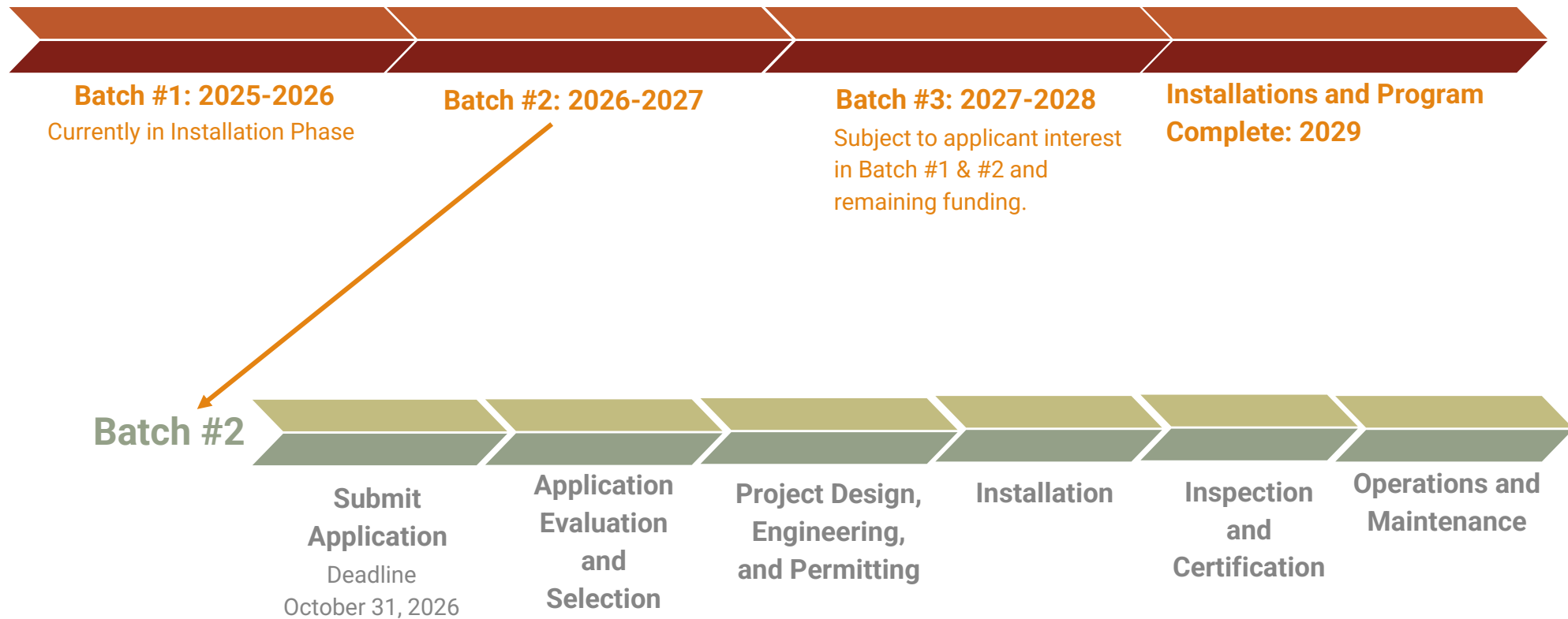
- Facilitate implementation of **conservation and drought mitigation** programs
- Improve the understanding of **existing water use** in Utah
- Enhance water supply and runoff **forecasting** capabilities
- **Optimize** water distribution systems
- Enable **actionable data driven** water management

**Objective #3:** Provide **federal funding opportunities** for water users in Utah.



# PROGRAM OVERVIEW

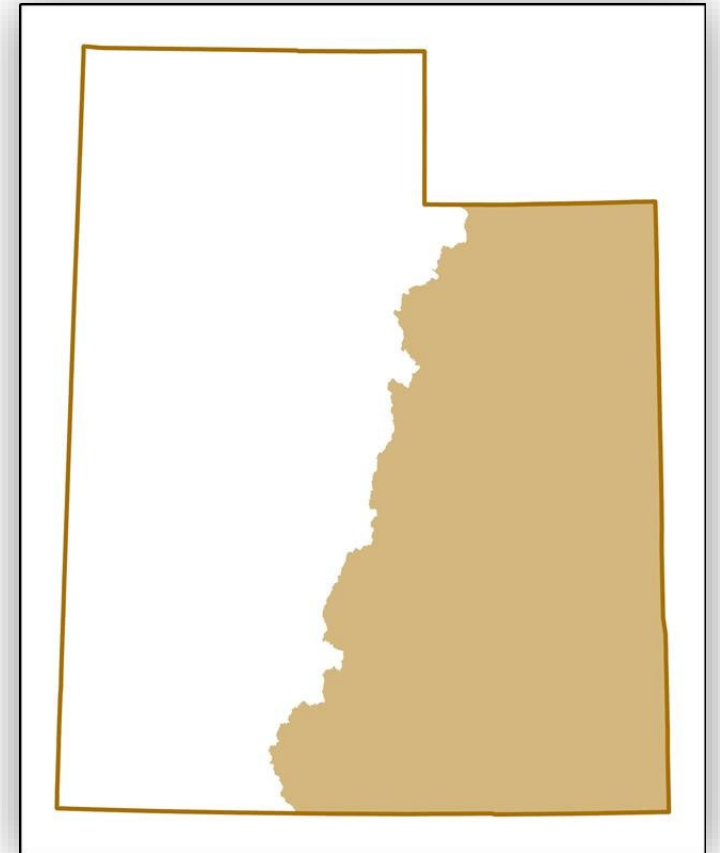
## APPLICATION CYCLES





# PROGRAM ELIGIBILITY

- **Eligible Projects:** 
  - Diversions from natural water courses, **return flows**, and reservoir elevation and outflow
  - New equipment or upgrades to existing, non-functional measurement
- NOTE: Canal/ ditch laterals or streams are not eligible
- **Additional Requirements**
  - Valid surface water right, direct flow or storage
  - Real-time data will be made publicly available
  - Compliance with federal funding terms and conditions

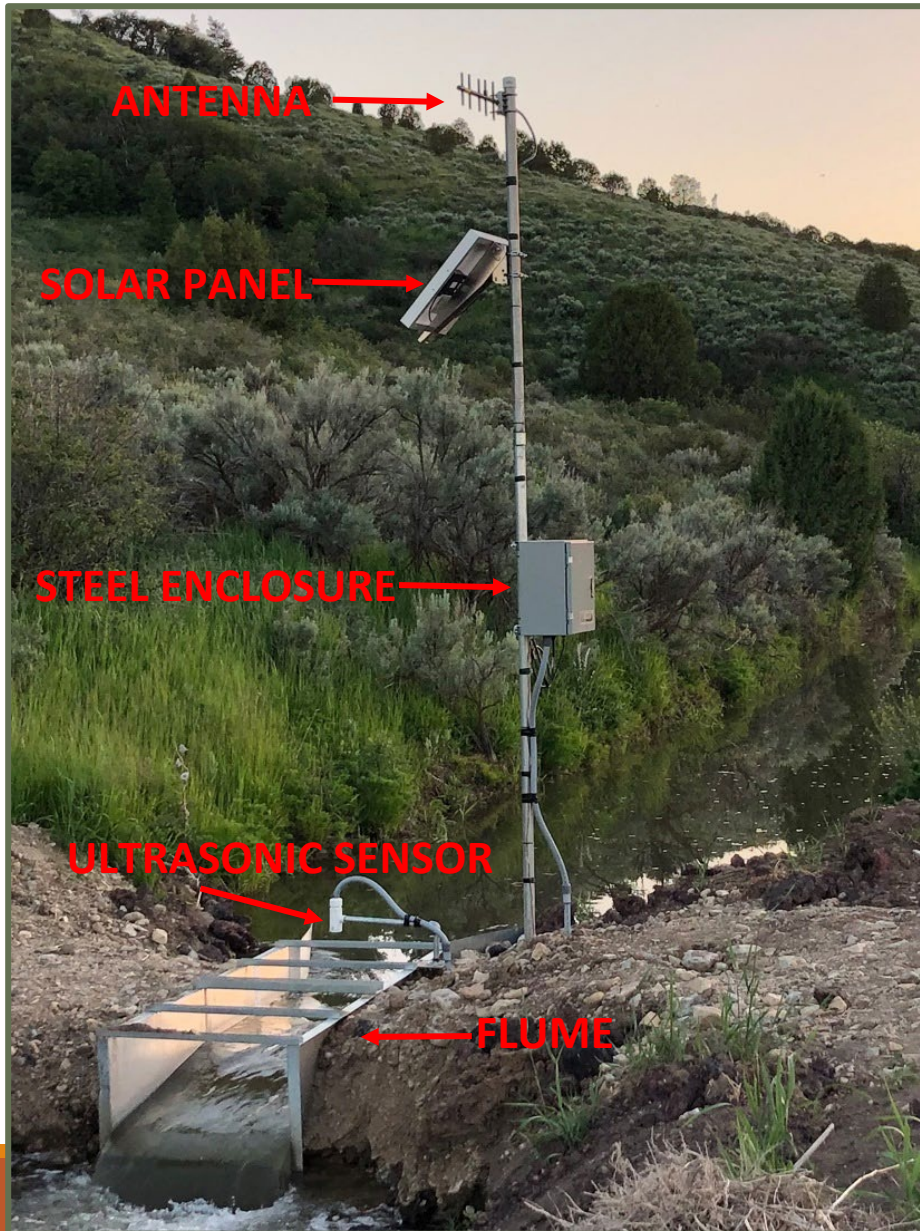


# BENEFITS TO WATER USERS



- **No cost** installation of measurement devices and telemetry equipment
- Reliable real-time diversion measurements for easier system operation
- Water use data for records and any necessary reports
- Data collection supports future program participation and funding opportunities
- Operations and maintenance training for measurement and telemetry equipment
- Will support current and future Demand Management Projects

# EXAMPLES OF MEASUREMENT/TELEMETRY



# UDMT PROGRAM EXAMPLE PROJECTS



**Flume Example for Return Flows -  
South Marsing Wash from the Carbon Canal**



# UDMT PROGRAM EXAMPLE PROJECTS



**Existing Pipe Meter Example with  
New Telemetry  
Brush Creek Diversions**



# UDMT PROGRAM EXAMPLE PROJECTS



**Reservoir Outflow - Existing Flume with New Telemetry  
Reservoir Level Sensor - Existing Stage/Storage Data**

**Diamond Mountain Lakes:  
Matt Warner, Calder, and Crouse**

# UDMT PROGRAM EXAMPLE PROJECTS

## Ashley Springs Overflow & Pipe Metering Ashley Valley Water & Sewer & Vernal City



# APPLICATION OPEN NOW!

## Utah Diversion Measurement and Telemetry Program

### Overview

The Utah Diversion Measurement and Telemetry (UDMT) Program is a federally funded, collaborative initiative between the Upper Colorado River Commission (UCRC) and the Colorado River Authority of Utah (Authority) with support from Jones and DeMille Engineering (JDE). The intent of this Program is to enhance water monitoring infrastructure across the Upper Colorado River Basin within the State of Utah by installing real-time measurement and telemetry devices on diversion structures.

Eligible water users will receive a measurement structure and telemetry devices, installed at their point of diversion, at no cost to them.

### Program Objectives

The objectives of the UDMT program is to support the implementation of the Upper Colorado River Basin Drought Contingency Plan (DCP) with the following key elements:

- Facilitate implementation of conservation and drought mitigation measures
- Improve the understanding of existing water use in Utah
- Enhance water supply and runoff forecasting capabilities
- Optimize water distribution systems
- Enable data driven water management
- Provide federal funding opportunities for water users in Utah



### Related Documentation

- [Outreach Flyer](#)
- [FAQs](#)
- [Eligibility Criteria](#)
- [Application Ranking Questions](#)
- [Federal Funding Requirements](#)

APPLICATION OPEN NOW

APPLY HERE



# APPLICATION | WEBSITE

# APPLICATION PROCESS

## Create an Account



### UDMT Application Portal

Utah Diversion Measurement & Telemetry Program

Email Address

Password

[Forgot password?](#)

[Sign In](#)

Don't have an account? [Sign Up](#)

### Create Your Account

Utah Diversion Measurement & Telemetry Program

Full Name \*

Email Address \*

Password \*

Confirm Password \*

[Create Account](#)

Already have an account? [Sign In](#)

Need assistance? Contact Jones & DeMille Engineering  
Roosevelt: (435) 722-8267 | Vernal: (435) 781-1988

# Create New Application

UDMT Application Portal

Utah Diversion Measurement & Telemetry Program

My Applications

T Test User

+ Create New Application

No applications yet

Get started by creating your first application

+ Create New Application

Program Information

The Utah Diversion Measurement and Telemetry Program enhances water monitoring infrastructure across the Upper Colorado River Basin within Utah.

[Learn more about the UDMT Program →](#)

Application sections →



Missing information



Section complete

UDMT Application

Application #OY9mh0D4l8io4OF8z0L1

Save Draft

Exit

1

Eligibility

Applicant

Project

Location & Photos

Water Rights

Review & Submit

Utah Diversion Measurement & Telemetry Program

Application Portal

The Utah Diversion Measurement and Telemetry Program (the UDMT Program) is a federally funded, collaborative initiative between the Upper Colorado River Commission (UCRC) and the Colorado River Authority of Utah (Authority) with support from Jones and DeMille Engineering (JDE). The intent of this Program is to enhance water monitoring infrastructure across the Upper Colorado River Basin within the State of Utah by installing real-time measurement and telemetry devices on diversion structures.

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Important Information

Additional information on the program can be found at: [UCRC Website](#)

This application portal collects eligibility information, project details, water-rights/authority and supporting documents. Data from approved projects will be made publicly available through the Utah Division of Water Rights (DWRI) and the UCRC data portal as part of program requirements.

Jones & DeMille Engineering Support

Jones and DeMille Engineering (JDE) has been contracted to support the UCRC in the implementation of the UDMT Program and is available to assist applicants in submitting applications for their proposed projects. Office locations and contact information are listed below. A PDF version of this application can be downloaded [here](#), but all applications will be required to be submitted electronically. If an applicant needs assistance, please reach out to JDE for support.

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Next >

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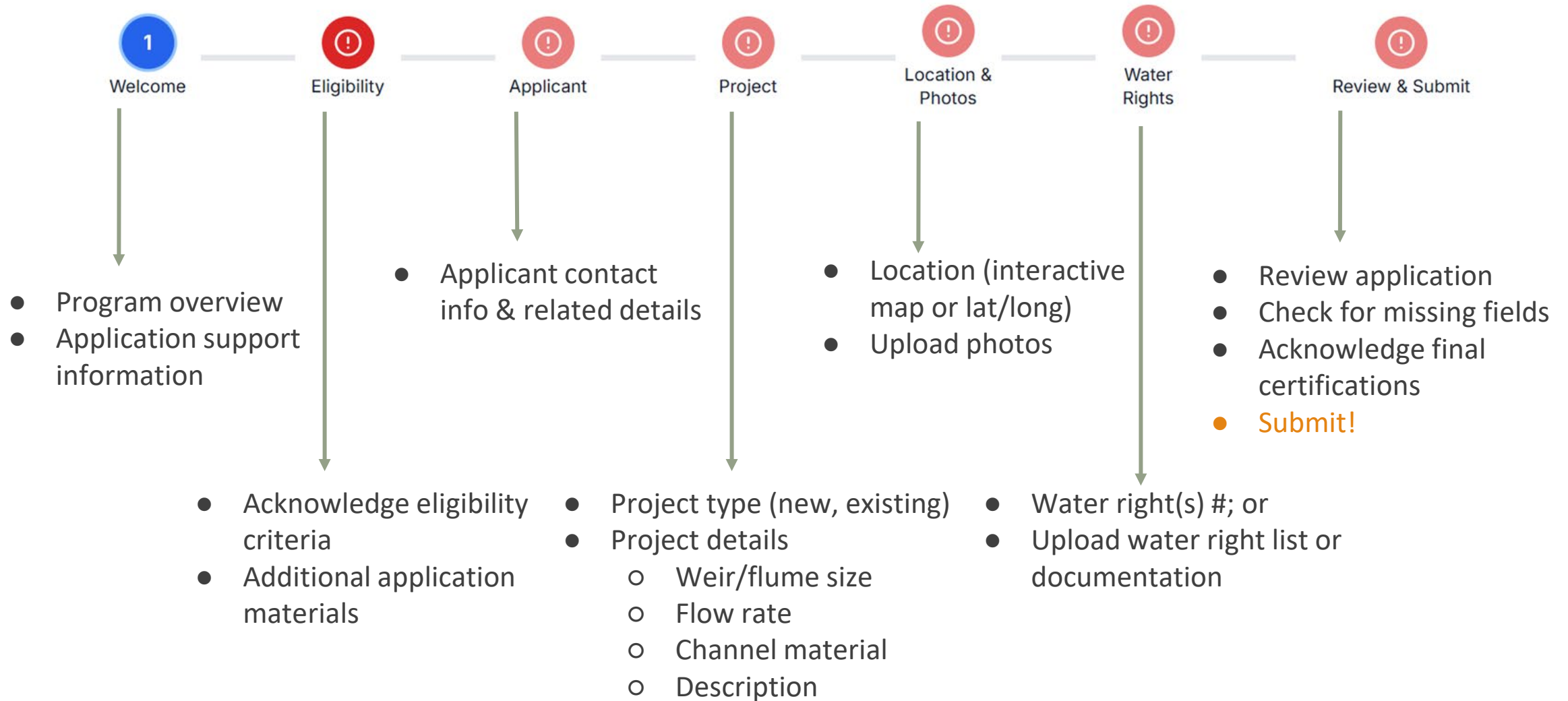
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# UDMT Application

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# UDMT Application

Application #3ralz3EP52VzQs1MBoTz

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Welcome



Eligibility



Applicant



Project



Location & Photos



Water Rights



Review & Submit

## Proposed Project

Describe the proposed project and the measurement approach.

Project Type \*

Select a project type

Select a project type

Existing Measurement Device Needing Telemetry

Existing Measurement Device Needing Rehabilitation and Telemetry

New Measurement Device with Telemetry Equipment

Self Installation of Measurement and/or Telemetry Equipment

## Proposed Project

Describe the proposed project and the measurement approach.

Project Type \*

New Measurement Device with Telemetry Equipment

Project Name/Title \*

North Diversion

Measurement Required \*

Select...

Name of Water Body \*

Type of Flow Being Measured \*

Select...

Is the project on Tribal land? \*

Select...

Is the water agricultural irrigation water? \*

Select...

Average Flow Rate (cfs) \*

Channel Width \*

feet

Channel Depth \*

e.g., concrete, earth

Range of Flows During Operation (Min/Max cfs) \*

Min

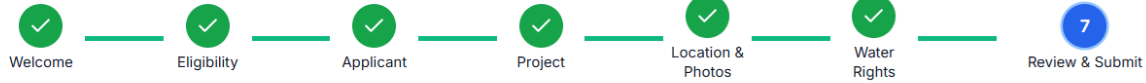
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## UDMT Application

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Save Draft

Exit



Submit Application



✓ Application Submitted Successfully

Thank You,

Your application has been successfully submitted to the UDMT Program.

We have received your application and it is now under review by the Upper Colorado River Commission (UCRC).

### What Happens Next?

- 1. Review Process:** The UCRC team will review your application for completeness and eligibility.
- 2. Additional Information:** If we need any additional information, we will contact you via email.
- 3. Approval Decision:** You will be notified of the approval decision once the review is complete.
- 4. Implementation Agreement:** If approved, you will enter into an implementation agreement with UCRC.



*Submitted-Application.PDF*

UDMT Application Portal

Utah Diversion Measurement & Telemetry Program

My Applications

T Test User

My Applications

+ Create New Application

| PROJECT NAME                                                                        | STATUS    | LAST UPDATED | ACTIONS                                                 |
|-------------------------------------------------------------------------------------|-----------|--------------|---------------------------------------------------------|
| <div><div></div><div>North Diversion</div><div>ID: 3ralz3EP52VzQs1MBoTz</div></div> | Draft     | 06/11/2025   | <div><div></div><div></div><div></div></div>            |
| <div><div></div><div>Pilot Ap review</div><div>ID: b37qLfTDFTPPntgAERYw</div></div> | Submitted | 05/11/2025   | <div><div></div><div></div><div></div><div></div></div> |

Separate applications per project

View "Submitted" applications



# TIMELINE

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- **BATCH 2 APPLICATION CYCLE**

- Application period – September 1-October 31, 2026
- Anticipated notification of application status - December 2026
- Anticipated project design, engineering, permitting - Winter 2026/27
- Anticipated signing of implementation agreement – Winter/Spring 2027
- Anticipated installation – Spring or Fall 2027

# ADDITIONAL MATERIALS

## Application Ranking Questions

| Utah Diversion Measurement and Telemetry Program (UDMT) - Application Ranking Sheet      |                 |              |
|------------------------------------------------------------------------------------------|-----------------|--------------|
| Ranking Questions                                                                        | Possible Points | Total Points |
| 1. Is the application complete?                                                          | 5               |              |
| 2. Has the applicant previously applied for the UDMT Program?                            | 5               |              |
| 3. Is the applicant participating in the Utah Demand Management Pilot Program (DMPP)?    | 20              |              |
| 4. Is the applicant a past participant in the System Conservation Pilot Program? (SCPP)? | 15              |              |
| 5. Does the proposed project support an ongoing water conservation project (DMPP, SCPP)? | 20              |              |
| 6. Does the project have a direct connection to the Green/Colorado River mainstem?       | 10              |              |
| 7. Is the project a trans-basin diversion of water from the Colorado River system?       | 10              |              |
| 8. What is the average flow rate of the project?                                         |                 |              |
| <10 cfs                                                                                  | 5               |              |
| 10 to 25 cfs                                                                             | 7               |              |
| >25 cfs                                                                                  | 10              |              |
| 9. What is the length of the measurement period?                                         |                 |              |
| <3 months                                                                                | 5               |              |
| 3 to 8 months                                                                            | 7               |              |
| >8 months                                                                                | 10              |              |
| 10. Is the project adding both new measurement and telemetry capabilities?               | 15              |              |
| 11. Is the project updating an existing measurement device or telemetry?                 | 5               |              |
| 12. Is the project using a standard design?                                              | 5               |              |
| 13. Does the project fill a data gap identified by the Authority and/or DWRI?            | 10              |              |
| TOTAL POINTS                                                                             |                 |              |

Note: Costs may be considered in project selection only if the number of eligible projects exceeds available funding.

## Federal Funding Requirements

### 11. REGULATORY COMPLIANCE

The Recipient (UCRC) agrees to comply or assist Reclamation with all regulatory compliance requirements and all applicable state, Federal, and local environmental and cultural and paleontological resource protection laws and regulations as applicable to this project. These may include, but are not limited to, the National Environmental Policy Act (NEPA), including the Council on Environmental Quality and Department of the Interior regulations implementing NEPA, the Clean Water Act, the Endangered Species Act, consultation with potentially affected Tribes, and consultation with the State Historic Preservation Office. If the Recipient begins project activities that require environmental or other regulatory compliance approval prior to receipt of written notice from a Reclamation GO that all such clearances have been obtained, then Reclamation reserves the right to initiate remedies for non-compliance as defined by 2 CFR 200.339-340 up to and including unilateral termination of this agreement.

### 12. WAGE RATE REQUIREMENTS [Public Law 117-58, Sec. 41101]

Section 41101 of the Bipartisan Infrastructure Law (also known as the Infrastructure Investment and Jobs Act), P.L. 117-58, requires that all laborers and mechanics employed by contractors or subcontractor in the performance of construction, alteration, or repair work on a project assisted in whole or in part by funding made available under BIL shall be paid wages at rates not less than those prevailing on similar projects in the locality, as determined by the Secretary of Labor in accordance with Subchapter IV of Chapter 31 of Title 40, United States Code (commonly referred to as the Davis-Bacon Act).

### 13. BUY AMERICA DOMESTIC PROUREMENT PREFERENCE

As required by Section 70914 of the Bipartisan Infrastructure Law (also known as the Infrastructure Investment and Jobs Act), P.L. 117-58, on or after May 14, 2022, none of the funds under a federal award that are part of Federal financial assistance program for infrastructure may be obligated for a project unless all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States, unless subject to an approved waiver. The requirements of this section must be included in all subawards, including all contracts and purchase orders for work or products under this program. Recipients of an award of Federal financial assistance are hereby notified that none of the funds provided under this award may be used for a project for infrastructure unless:

- all iron and steel used in the project are produced in the United States--this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States;
- all manufactured products used in the project are produced in the United States--this



## Water User Implementation Agreement

### UPPER COLORADO RIVER COMMISSION COOPERATIVE AGREEMENT SUBAWARD UTAH DIVERSION MEASUREMENT & TELEMETRY PROGRAM

1. **Parties.** The parties to this Cooperative Agreement Subaward ("Subaward Agreement") are the Upper Colorado River Commission ("UCRC") and [Subrecipient's Name], [a][an] [entity type][individual] ("Subrecipient"). Subrecipient and UCRC may be referred to individually as a Party or collectively as the Parties.

2. **Purpose.** UCRC is the recipient of a federal award entitled the "United States Department of the Interior Assistance Agreement R23AP00295 Between Bureau of Reclamation and the Upper Colorado River Commission for Upper Basin Infrastructure Investment & Jobs Act and Drought Contingency Plan Implementation Activities", as amended on April 26, 2024 (R23AP00295-02) and November 22, 2024 (R23AP00295-03) ("IIA Award"). The IIA Award is intended to fund projects that support the Upper Division States' and UCRC's Drought Contingency Plan ("Upper Basin DCP") implementation activities. UCRC, in collaboration with the Colorado River Authority of Utah ("Authority"), is utilizing IIA Award funding to implement the Utah Diversion Measurement and Telemetry Program ("UDMT Program") to enhance water measurement and monitoring infrastructure across the portion of the Colorado River Basin within the State of Utah.

The purpose of this Subaward Agreement is to allow UCRC to pass through a portion of the IIA Award as a subaward for [the] [purchase] [and installation] of [a] [diversion measurement] [and] [telemetry] equipment ("Measurement Equipment") to [measure] [and] [transmit] flow data for Subrecipient's water diversion (the "Project"). A description of the Project is attached hereto as **Exhibit "A"**.

3. **Project Subaward.** For this Project, the UCRC is serving as a pass-through entity for the IIA Award to grant a subaward to Subrecipient in the form of goods and services ("Subaward"). The particular goods and services funded by the Subaward and their associated values are described in **Exhibit "A"**.

4. **Construction and Installation Specifications.** The specifications for the construction and installation of the Measurement Equipment for the Project is attached hereto as **Exhibit "B"**.

5. **Right of Entry.** The UCRC and the Authority, acting through each entity's staff, designees, contractors, or agents (individually or collectively, a "Program Representative"), shall have the right to access the Project, including the Measurement Equipment, in adherence with the Access terms set forth in **Exhibit "C"**. Subrecipient shall be solely responsible for gaining the permissions, taking the necessary actions, or making the arrangements necessary to grant the described Access to the Program Representative. The Program Representative is granted the right of Access to install, construct, maintain, inspect, and certify the results of the Project as specified in this Subaward Agreement.



# RESOURCES

## UCRC WEBSITE



Application  
Flyer  
FAQ's

### UTAH DIVERSION MEASUREMENT AND TELEMETRY PROGRAM

**FAQ's**

**Q: What is the Utah Diversion Measurement and Telemetry Program (the UDMT Program)?**  
A: The intent of this Program is to enhance water monitoring infrastructure across the Upper Colorado River system within the State of Utah by installing real-time measurement and telemetry devices on diversion structures. This is a federally-funded program administered by the Upper Colorado River Commission (UCRC) in coordination with the Colorado River Authority of Utah (Authority), Jones and DeMille Engineering (JDE) and Intermountain Environmental, INC. (IEI) are providing technical and administrative support.

**Q: Who can participate in the UDMT Program?**  
A: Eligible applicants may include canal companies, water conservancy districts, tribes, and individual water rights holders and must meet the following criteria:

- Located in the Utah portion of the Upper Colorado River system
- Have ownership in a valid water right associated with their project and appropriate permission to engage in the Program
- Be willing to agree to the implementation requirements of the Program

**Q: What types of projects are eligible?**  
A: Project types may include:

- Locations that are measuring a source diversion, return flow, or reservoir inflow-outflow
- The installation of new measurement and telemetry equipment or upgrades to existing, non-functional measurement and telemetry equipment

**Q: What are the requirements for the UDMT Program?**  
A: Projects:

- Must comply with federal funding terms and conditions, including Buy America requirements
- Are subject to NEPA compliance and other relevant state and federal permitting
- Will require real-time measurement and telemetry
- Will collect data that will be made publicly available through the Utah Division of Water Rights
- Will be inspected by a member of the Project Team
- Must be operated and maintained through Program duration (2029)
- Will be owned, operated, and maintained by the selected applicant after the Program has ended

**Q: What type of support and services will be provided to successful applicants?**  
A: Within available funding limits, participation in the program will cover the cost of measurement and telemetry equipment, engineering and installation support, and operations and maintenance support through 2029.

**Q: How do I apply for the UDMT Program?**  
A: Please visit the UCRC website for information on the Program and to submit an application. The first application period (Batch #1) will be open November 2025- January 2026.  
<http://www.ucrccommission.com/utah-diversion-measurement-telemetry-program/>

### UTAH DIVERSION MEASUREMENT AND TELEMETRY PROGRAM

**OVERVIEW**

The Utah Diversion Measurement and Telemetry Program (the UDMT Program) is a federally funded, collaborative initiative between the Upper Colorado River Commission (UCRC) and the Colorado River Authority of Utah (Authority) with support from Jones and DeMille Engineering (JDE). The intent of this Program is to enhance water monitoring infrastructure across the Upper Colorado River Basin within the State of Utah by installing real-time measurement and telemetry devices on diversion structures.

The UDMT program will offer application cycles for projects which will then be selected for funding, engineering support and installation of flow measurement and telemetry equipment.

**PROGRAM CONTACTS**

- Consultant: Jones and DeMille Engineering (JDE)
- JDE Project Manager: Eric Major PE | 435.760.5844 | [eric.m@jonesanddemaille.com](mailto:eric.m@jonesanddemaille.com)

**THIS PROGRAM APPLIES TO THE FOLLOWING:**

- Diversions from natural water courses (not canal or ditch laterals)
- Projects within the Utah portion of the Upper Colorado River System (map right)

**PROGRAM REQUIREMENTS:**

- Diversions with a valid water right
- Real-time data made publically available
- Compliance with federal funding terms and conditions

**BENEFITS TO WATER USERS:**

- Funding opportunity
- Reliable diversion measurement for operations and water use reporting
- Operations and Maintenance training for measurement and telemetry equipment

The UDMT program is intended to provide actionable data for improved understanding of existing water use and data driven water management decisions.

For more information, please visit the UCRC website:  
<http://www.ucrccommission.com/utah-diversion-measurement-telemetry-program/>

### Contact List

Please fill out the form below to be added to the UDMT email list to receive program information and updates.

First Name

Affiliation

Last Name

Email Address

SIGN UP

<http://www.ucrccommission.com/utah-diversion-measurement-telemetry-program/>

# PROGRAM CONTACTS



- **Jones & DeMille Engineering**

Eric Major, PE | Project Manager

Cell: 435.760.5844 | Office: 435.722.8267  
eric.m@jonesanddemille.com



- **Upper Colorado River Commission**

Ashley Nielson

385.592.9824 | anielson@ucrcommission.com



- **Colorado River Authority of Utah**

Marc Stilson, P.E.

801.232.4790 | mkstilson@utah.gov