



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources
1313 Sherman Street, Room 718
Denver, CO 80203

WSRF Grant
POGG1 2022-2016

Conejos Water Conservancy District
P.O. Box 550
Manassa, CO 81141

RE: Official Notice to Proceed – Change of Grantee for the GW Monitoring & Analysis

Dear Grantee:

We are pleased to inform you that the Colorado Department of Natural Resources, Colorado Water Conservation Board (CWCB) has approved your request for funding for your project pursuant to the Grant Program(s) (“Program”). This letter authorizes you to proceed with the approved project in accordance with the terms of this Grant Award Letter.

Attached to this letter are the terms and conditions of your Grant. Please review these terms and conditions as they are requirements of this Grant to which you Grantee agree by accepting the Grant Funds.

If you have any questions regarding your grant award, contact Ben Wade, Project Manager at 303-866-3441 or at Ben.Wade@state.co.us. Please send all grant correspondence directly to the project manager and cc me on your invoice billing requests.

Thank you.

Sincerely,

//s//

Doriann Vigil
Program Assistant II
O 303-866-3441 ext. 3250
1313 Sherman Street, Rm. 719, Denver, CO 80203
Dori.vigil@state.co.us / cwcb.state.co.us

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STATE OF COLORADO
Department of Natural Resources

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ORDER		*****IMPORTANT*****				
Number:	POGG1,PDAA,202200002016	The order number and line number must appear on all invoices, packing slips, cartons, and correspondence.				
Date:	7/16/21	BILL TO				
Description:	WSRF GW Monitor & Analysis in the RG	COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
Effective Date:	07/30/21	SHIP TO				
Expiration Date:	09/30/22	COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
BUYER		SHIPPING INSTRUCTIONS				
Buyer:		Delivery/Install Date: -				
Email:		FOB: FOB Dest, Freight Allowed				
VENDOR						
CONEJOS WATER CONSERVANCY DISTRICT PO BOX 550 MANASSA, CO 81141-0550						
Contact:	Nathan Combs					
Phone:	719-843-5261					
VENDOR INSTRUCTIONS						
EXTENDED DESCRIPTION						
Original CTGG1 2017*1063 - Statewide funds Grant for Ground Water Monitoring Project per attached Exhibit A Scope of Work and Exhibit C Budget".						
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$52,596.96	<input type="checkbox"/>
Description: WSRF GW Monitor & Analysis in the RG						
Service From: 07/30/21			Service To: 09/30/22			
TERMS AND CONDITIONS						
https://www.colorado.gov/pacific/osc/small-dollar-grant-award-terms-conditions						
DOCUMENT TOTAL = \$52,596.96						



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<u>Colorado Water Conservation Board</u>	
Water Supply Reserve Fund	
<u>Exhibit A - Statement of Work</u>	
Date:	June 17, 2021
Water Activity Name:	Conejos Groundwater Monitoring and Analysis
Grant Recipient:	Conejos Water Conservancy District
Funding Source:	Water Supply Reserve Funds – Rio Grande Basin Account
Water Activity Overview: (Please provide brief description of the proposed water activity (no more than 200 words). Include a description of the overall water activity and specifically what the WSRF funding will be used for. (PLEASE DEFINE ALL ACRONYMS). Wells in the Rio Grande Basin will be shut down unless (1) injurious stream depletions are replaced or remedied, and (2) a plan for sustainability of the unconfined aquifer and the confined aquifer is addressed and maintained. In the over-appropriated Rio Grande Basin, there is not sufficient water available for all well owners to meet the augmentation requirements of the new Rules and Regulations. Conejos Water Conservancy District is concerned about relying upon the State's model for groundwater administration because the model is regional rather than specific to conditions in the Conejos watershed. Conejos Water Conservancy District will place water level transducers in local confined aquifer irrigation wells to record and monitor real-time water level data over a sustained length of time, establishing a scientific basis for evaluating the relationships/interconnectivity between different pumping wells in the area in and around Subdistricts #3 and #4 and providing a better understanding of the lateral transmissivity of the confined aquifer, the degree of connection to the overlying unconfined aquifer, and the potential connection to surface water bodies. By gathering groundwater data from a larger and more relevant sample, Conejos Water Conservancy District will provide to Colorado a scientific assessment to fine tune the model for more accurately administering the Rio Grande Compact and groundwater usage in the Rio Grande Basin.	
Objectives: (List the objectives of the project. (PLEASE DEFINE ACRONYMS)).	



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Develop ground water data to address “Rules Governing Withdrawal of Ground Water in Water Division No. 3”

- Support optimum use of water, consistent with preservation of the priority system of water rights
- Provide scientific data to the RG Basin and DWR to create a plan for groundwater sustainability
- Develop historical analysis and real time data to identify and address injurious stream depletions
- Help identify injurious depletions on the San Antonio, Conejos, La Jara, Alamosa and Rio Grande
- Improve Colorado’s ability to more accurately meet its Rio Grande Compact obligations
- Support agriculture by helping to regulate and balance the use of limited surface and groundwater resources
- Help maintain a sustainable water supply in the Confined and Unconfined Aquifer

Tasks
Provide a detailed description of each task using the following format: (PLEASE DEFINE ACRONYMS)
<u>Task 1 – Project Management</u>
Description of Task: RTI will perform project management functions in accordance with its adopted project management policies and procedures. This will include: <ul style="list-style-type: none">• Preparing a Project Management Plan that includes Quality Control measures• Tracking project budget and schedule on at least a monthly basis• Preparing monthly invoices and status reports• Maintaining a risk register and an issues log
Method/Procedure: The Conejos Water Conservancy District (CWCD) will provide general coordination for the activities under this scope of work.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) CWCD will provide receive (monthly) updates of the work performed from the consultant.



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Tasks
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
CWCB will receive 6 month progress reports and a final report

Tasks
Provide a detailed description of each task using the following format: (PLEASE DEFINE ACRONYMS)
<u>Task 2 – Technical Support</u>
Description of Task:
RTI will provide technical support for the groundwater monitoring program
Method/Procedure:
. The anticipated tasks include: Support the transition of the data hosting site/server and perform the necessary adjustment to the Data Management System (DMS) to be operational with the new data hosting provider. <ul style="list-style-type: none">• Updating the data in the DMS database and dashboards on a regular basis.• Provide support analyzing and understanding the groundwater data• Explore advanced regression and discovery methods for development of confined aquifer groundwater predictive tool using the data managed in the DMS to support aquifer sustainability management for different hydrologic years.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Technical Memo: Conejos Water Conservancy District will prepare a technical memo describing the findings of the confined aquifer predictive tool. Monitoring Data Updates: Conejos Water Conservancy District will provide updates to the database and analysis dashboard
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
All findings of the confined aquifer predictive tool and analysis will be provided in progress reports and in the final report submitted to CWCB.



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Tasks

Tasks
Provide a detailed description of each task using the following format: (PLEASE DEFINE ACRONYMS)
<u>Task 3 – Presentation of Findings</u>
Description of Task:
Conejos Water Conservancy District (CWCD) will work with the consultant to summarize the findings of the study to present them to various audiences as directed by CWCD.
Method/Procedure:
The presentation will be focused on the scientific knowledge gained from the analysis of the groundwater monitoring data collected, existing information compiled in the DMS, system response to stresses, water balance, and data gaps.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Study Presentations: Conejos Water Conservancy District will work with the consultant to prepare slides to present the results of the study and will perform three presentations.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Executive Summary: Conejos Water Conservancy District will provide an executive summary with the findings and recommendations for improving groundwater sub district sustainability management (Sub district #3).

Budget and Schedule
<u>Exhibit C - Budget and Schedule:</u> 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 <u>excel format</u> . A separate <u>excel formatted</u> Budget is required for engineering costs to include rate and unit costs.

Reporting Requirements
Progress Reports: The grantee 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



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Reporting Requirements

have occurred and any corrective action taken to address these issues. The CWCB may withhold reimbursement until satisfactory progress reports have been submitted.

Final Report: At completion of the project, the grantee shall provide the CWCB a Final Report on the grantee'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.

Payments

Payment will be made based on actual expenditures, must include invoices for all work completed and must be on grantee's letterhead. 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.

The CWCB will pay the last 10% of the entire water activity 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 water activity and purchase order or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to CWCB within 90 days of the expiration of a purchase order or contract may be denied consideration for future funding of any type from CWCB.

Performance Requirements

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 C. Per Grant Guidelines, the CWCB will pay out the last 10% of the budget when the final deliverable is completed to the satisfaction of CWCB staff. Once the final deliverable has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

(b) Accountability: Per the 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 the 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.



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Water Supply Reserve Fund

EXHIBIT C - BUDGET AND SCHEDULE - Direct & Indirect (Administrative) Costs

Date: June 17, 2021

Water Activity Name: Conejos Groundwater Monitoring and Analysis

Grantee Name: Conejos Water Conservancy District

<u>Task No.</u> ⁽¹⁾	<u>Description</u>	<u>Start Date</u> ⁽²⁾	<u>End Date</u>	<u>Matching Funds</u> (cash & in-kind) ⁽³⁾	<u>WSRF Funds</u> (Basin & Statewide combined) ⁽³⁾	<u>Total</u>
1	Project Management	7/31/2021	9/30/2022	\$0.00	\$9,318.00	\$9,318
2	Technical Support	7/31/2021	9/30/2022	\$2,500	\$30,960	\$33,460
3	Presentation of Findings	7/31/2021	9/30/2022	\$1,000	\$12,318	\$13,318
Total				\$3,500	\$52,596	\$56,096