



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

1313 Sherman Street, Room 718
Denver, CO 80203

June 10, 2015

Mr. Matt Clark, Backcountry Coordinator
Trout Unlimited, Inc.
P.O. Box 841
Cortez, CO 81321

RE: Notice to Proceed - WSRA Grant – POGG1 2015-287 Upper Dolores CAMP
(Coldwater-Fisheries Adaptive Management Plan) in the Southwest River Basins

Dear Matt,

This letter is to inform you that the purchase order to assist in the above WSRA grant project was approved on June 10, 2015. This email serves as the original documentation for your records.

With the executed purchase order, you are now able to proceed with the project and invoice the State of Colorado for costs incurred through July 31, 2016 according to the schedule in Exhibit A. Please provide the project name, contract or purchase order number, and basin when corresponding with or invoicing the State of Colorado for your project. Upon receipt of your invoice(s), the State of Colorado will provide payment no later than 30 days after review and signed approval by the project manager. I wish you much success in your project.

If you have any questions or concerns regarding the project, please contact me. You can contact Dori Vigil at 303-866-3441 ext. 3250 for invoicing and payment disbursement questions.

Sincerely,

//s//

Craig Godbout
Program Manager
Colorado Water Conservation Board
Water Supply Planning Section
1313 Sherman Street, Suite 718
Denver CO 80203
 [\(303\) 866-3441, ext 3210](tel:3038663441) (office)
 [\(303\) 547-8061](tel:3035478061) (cell)
craig.godbout@state.co.us

Attachments





STATE OF COLORADO
Department of Natural Resources

ORDER		** IMPORTANT **				
Number: POGG1 PDAA 20150000000000000287		The order number and line number must appear on all invoices, packing slips, cartons and correspondence				
Date: 06/10/15						
Description: PDAA 2500 WSRA DOLORES CAMP in the SW Basin		BILL TO				
Effective Date: 06/10/15 Expiration Date: 07/31/16		COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
BUYER		SHIP TO				
Buyer:		COLORADO WATER BOARD CONSERVATION				
Email:		1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
VENDOR		SHIPPING INSTRUCTIONS				
TROUT UNLIMITED INC		Delivery/Install Date:				
1777 N KENT ST		F.O.B:				
# 100		VENDOR INSTRUCTIONS:				
ARLINGTON, VA 22209-2133						
Contact: Matt Clark						
Phone: 9707990274						
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$15,000.00	☐
Description: PDAA 2500 WSRA DOLORES CAMP in the SW Basin						
Service From: 06/10/15 Service To: 07/31/16						
TERMS AND CONDITIONS						
https://www.colorado.gov/osc/purchase-order-terms-conditions						
DOCUMENT TOTAL = \$15,000.00						

Statement of Work for the Upper Dolores CAMP Project

WATER ACTIVITY NAME:

Upper Dolores CAMP (Coldwater-Fisheries Adaptive Management Planning) Project

GRANT RECIPIENT: Trout Unlimited

FUNDING SOURCE: SW Basin Fund

INTRODUCTION AND BACKGROUND

Trout Unlimited, both national staff and the local Dolores CO chapter the Dolores River Anglers, in collaboration with Colorado Parks & Wildlife and the US Forest Service, has undertaken a multi-phased project to develop a comprehensive, scientific, “hands on” decision tool that links systematic analysis of local watersheds/streams to relevant Best Management Practices (“BMPs”) within the context of long term changes to climate and hydrology. The structured process and guidelines lead to the development of a stream specific “Coldwater-fisheries Adaptive Management Plan (CAMP).

Phase 1: (complete)

Task 1 - Identifying, refining, and then operationalizing trout habitat related limiting factors (that is those factors that will limit trout survival and condition). This included peer and agency reviewed research, compilation, identification of, and drafting of scientific explanations of the factors that limit trout survival and abundance in cold-water stream systems.

Phase 2:

Task 2 - Developing prototype guidelines used to describe in scientific detail the limiting factors, and the means and methods that a stream or watershed can be analyzed to determine if, and to what degree, limiting factors may be effecting the fishery. This includes review and restructuring of all of the limiting factor sections into guideline format, which describes the interpretation and analysis methods for each limiting factor, and drafting of introductory material that outlines and explains how to walk through the process of analyzing a stream / reach for limiting factors step-by-step.

Task 3 - Identifying, collecting and structuring existing resource data (especially relevant GIS datasets, i.e. National Forest Service, Colorado Parks and Wildlife data, climate datasets, etc.) necessary to execute the guidelines and analysis. This includes setting up the GIS database, analysis programming, initial testing of limiting factor analysis methods, coordination with TU science staff and agency personnel, and mapping of on-the-ground knowledge not currently in GIS format.

Task 4 - Extend the management plan development process down to the stream reach and site level with actual application to selected key tributaries / reaches the Dolores River watershed. This includes feeding results and lessons learned back into the guidelines document to improve usability, methods, and outcomes.

Phase 3

Task 5 - Assess the Upper Dolores Watershed for prospective "strongholds". This will create an initial draft of the analysis that will build our catalog of streams / reaches that need further detailed analysis with the goal of identifying and implementing effective restoration projects as soon as possible. A major goal is

to assist in identifying viable long-term cutthroat strongholds within the watershed in the face of climate change and to identify strategies to strengthen those strongholds; likewise, the management of non-native wild trout species will also be substantially enhanced through this process.

Phase 4

Task 6 - (Future) Looks to integrate basic risk management techniques and capabilities to refine the project identification, definition and prioritization process and to introduce more detailed cost effectiveness aspects.

We anticipate this tool being broadly applicable to any coldwater river or stream in Colorado and beyond, and we are hopeful that the framework will help take TU and its chapters to the next level of effectiveness in performing on the ground assessments and identifying projects that offer the best chance of long term success and the best return on investment given limited time and funding available. This helps ensure native and wild trout persist in Colorado so that our grandchildren can fish for them in the same waters we do.

NOTE: The deliverable for each task is self explanatory, i.e., it is the completed work up to that point as described in the statement of work and the budget by task.

Upper Dolores CAMP Projected Project Budget

NOTE: Total Costs columns should match

	Labor	Other Direct Costs	Total Costs	CWCB Portion	Matching Cash	In-Kind Match	Total Costs	Scheduled Delivery	Notes / Match Source
Phase 1 (Complete)									
Task 1 - Identify, refine, and operationalize trout habitat related limiting factors									
Totals	\$ 19,022	\$ -	\$ 19,022	\$ -	\$ 16,622	\$ 2,400	\$ 19,022	Complete	TU and MLC
Phase 2									
Task 2 - Complete Guidelines Document draft									
Totals	\$ 10,000	\$ -	\$ 10,000	\$ 8,500	\$ 500	\$ 1,000	\$ 10,000	9/1/15	
Task 3 - Set up GIS mapping database and functions									
Totals	\$ 8,300	\$ 200	\$ 8,500	\$ 1,500	\$ -	\$ 7,000	\$ 8,500	11/1/15	
Task 4 - Complete selected Dolores main stem reach and tributary test analyses									
Totals	\$ 9,178	\$ 200	\$ 9,378	\$ 4,000.00	\$ 4,878	\$ 500	\$ 9,378	1/1/16	
Phase 3									
Task 5 - Assess Upper Dolores Watershed for prospective "strongholds"									
Totals	\$ 3,000	\$ -	\$ 3,000	\$ 1,000	\$ -	\$ 2,000	\$ 3,000	4/1/16	
Phase 4 (Future)									
Task 6 - Integrate basic risk management techniques									
Totals	NA	NA	NA	NA	NA	NA	NA	Future	
Phase 1 total Costs									
	\$ 19,022	\$ -	\$ 19,022	\$ -	\$ 16,622	\$ 2,400	\$ 19,022		
Phase 2 total Costs									
	\$ 27,478	\$ 400	\$ 27,878	\$ 14,000	\$ 5,378	\$ 8,500	\$ 27,878		
Phase 3 total Costs									
	\$ 3,000	\$ -	\$ 3,000	\$ 1,000	\$ -	\$ 2,000	\$ 3,000		
Phase 4 total Costs									
	NA	NA	NA	NA	NA	NA	NA		
Project Total Costs									
	\$ 49,500	\$ 400	\$ 49,900	\$ 15,000	\$ 22,000	\$ 12,900	\$ 49,900		

Projected Funding Sources

Partner	CWCB Portion	Matching Cash	In-Kind Match	Total
CWCB	\$ 15,000			\$ 15,000
Montezuma Land Conservancy		\$ 5,000		\$ 5,000
Southwest Water Conservation District		\$ 5,000		\$ 5,000
Trout Unlimited		\$ 10,000	\$ 5,730	\$ 15,730
Dolores River Anglers TU Chapter		\$ 2,000	\$ 6,330	\$ 8,330
CPW and USFS staff			\$ 840	\$ 840
Total	\$ 15,000	\$ 22,000	\$ 12,900	\$ 49,900

Upper Dolores CAMP Project Schedule

Task and Completion Month	09/2014 - 02/2015	September 2015	November 2015	January 2016	Apr-Jul 2016	Future	
Phase 1 (Complete)							
Task 1 -- Identify, refine, and operationalize trout habitat related limiting factors							
Phase 2							
Task 2 - Complete Guidelines Document draft							
Task 3 - Set up GIS mapping database and functions							
Task 4 - Complete selected Dolores main stem reach and tributary test analyses							
Phase 3							
Task 5 - Assess Upper Dolores Watershed for prospective "strongholds"							
Phase 4 (Future)							
Task 6 - Integrate basic risk management techniques							

Ann Oliver
2340 CR 203 Durango, CO 81301
970-903-9361
annsoliver@gmail.com

Re: Trout Unlimited Project: Upper Dolores CAMP Project

Date: 04/28/2015

Rate Sheet and estimate of work by task:

Description of Work	Hours	Hourly Rate	Total
Task 2: Complete Guidelines Document draft	42.5	\$70.00	\$2975
Task 4 - Complete selected Dolores main stem reach and tributary test analyses	21.5	\$70.00	\$1505
Total	57		\$4480

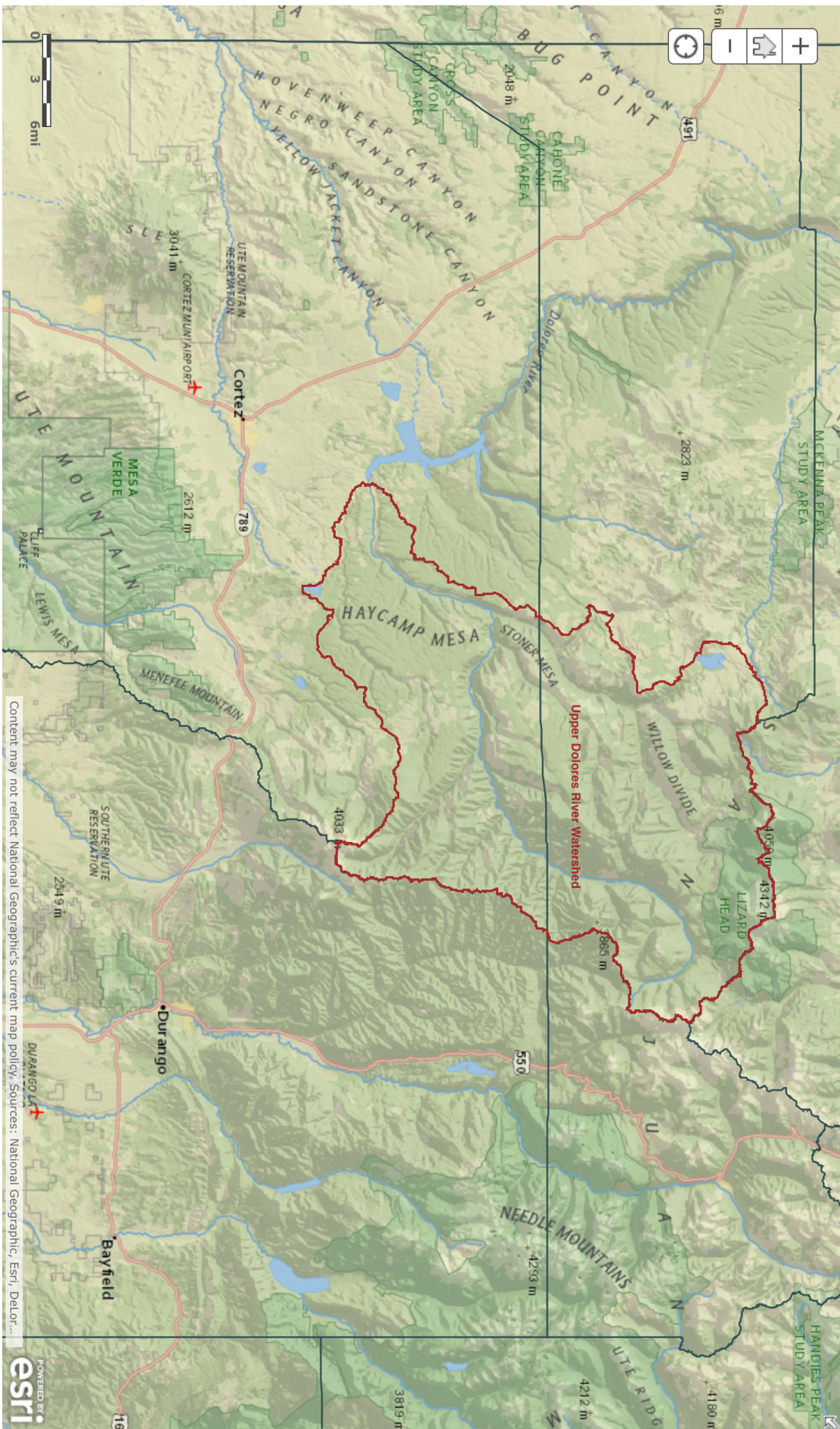
Raymond Rose
Dryland Consulting
(202) 361-3615
raymondrose@roselink.com

Re: Estimate for Trout Unlimited's Upper Dolores CAMP Project

Date: 04/27/2015

Rate Sheet and estimate of work by task:

Description of Work	Hours	Hourly Rate	Total
Task 2: Complete Guidelines Document draft	70	\$50	\$3500
Task 4 - Complete selected Dolores main stem reach and tributary test analyses	15	\$50	\$750
<i>Total</i>	85		\$4250



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