



AMENDMENT NO. 2
TO AGREEMENT NO. WRPIFA-1719-MetWaF-00030
BETWEEN
THE STATE OF WASHINGTON DEPARTMENT OF ECOLOGY
AND
Methow Watershed Foundation

PURPOSE: To amend the above-referenced agreement (AGREEMENT) between the state of Washington Department of Ecology (ECOLOGY) and Methow Watershed Foundation (RECIPIENT) for the Estimating Water Use by Exempt Wells in the Methow River Basin (WRIA 48) (PROJECT).

The purpose of this amendment is to extend the end date of the agreement to 6/30/2022, to move budget between tasks and edit certain deliverable due dates.

The following task budgets are being amended:

Task 1 - Add \$1,710.00, changing the budget from \$24,240.00 to \$25,950.00

Task 3 - Add \$250.00, changing the budget from \$5,000.00 to \$5,250.00

Task 4 - Reduce \$2,683.22, changing the budget from \$6,000.00 to \$3,316.78

Task 5 - Add \$723.22, changing the budget from \$11,243.15 to \$11,966.37

There is no change to the overall budget of this agreement which remains \$53,835.15.

IT IS MUTUALLY AGREED that the AGREEMENT is amended as follows:

Expiration Date:

Original: 06/30/2021 Amended: 06/30/2022

CHANGES TO THE BUDGET

Funding Distribution EG190211

Funding Title: Watershed Plan Implementation and Flow Achievement

Funding Type: Grant

Funding Effective Date: 07/01/2018

Funding Expiration Date: 06/30/2022

Funding Source:

Title: State Building Construction Account

Fund:

Type: State

Funding Source %: 100%

Description: The Watershed Implementation and Flow Achievement Program provides grants to fund local projects that resolve water supply issues, improve stream flow conditions and instream habitat conditions.

Approved Indirect Costs Rate: Approved State Indirect: 0%

Recipient Match %: 0%

InKind Interlocal Allowed: No

InKind Other Allowed: No

Is this Funding Distribution used to match a federal grant? No

Watershed Plan Implementation and Flow Achievement	Task Total
Project Administration/Management	\$ 25,950.00
Reservation Database Update	\$ 7,352.00
Public Outreach	\$ 5,250.00
Work Plan Development	\$ 3,316.78
Voluntary Metering Pilot Program	\$ 11,966.37

Total: \$ 53,835.15

CHANGES TO SCOPE OF WORK

Task Number: 1 **Task Cost: \$25,950.00**

Task Title: Project Administration/Management

Task Description:

A. The RECIPIENT will administer the project. Responsibilities will include, but not be limited to: maintenance of project records; submittal of requests for reimbursement and corresponding backup documentation, progress reports and recipient closeout report (including photos); compliance with applicable procurement, contracting, and interlocal agreement requirements; application for, receipt of, and compliance with all required permits, licenses, easements, or property rights necessary for the project; and submittal of required performance items.

B. The RECIPIENT must manage the project. Efforts will include: conducting, coordinating, and scheduling project activities and assuring quality control. Every effort will be made to maintain effective communication with the RECIPIENT's designees; the DEPARTMENT; all affected local, state, or federal jurisdictions; and any interested individuals or groups. The RECIPIENT must carry out this project in accordance with any completion dates outlined in this agreement.

Task Goal Statement:

Properly managed project that meets agreement and Ecology administrative requirements.

Task Expected Outcome:

- * Timely and complete submittal of requests for reimbursement, quarterly progress reports and recipient closeout report.
- * Properly maintained project documentation

Recipient Task Coordinator: Sandra Strieby

Deliverables

Number	Description	Due Date
1.1	Progress Reports	
1.2	Recipient Closeout Report	06/30/2022

CHANGES TO SCOPE OF WORK

Task Number: 3 Task Cost: \$5,250.00

Task Title: Public Outreach

Task Description:

The RECIPIENT will develop and implement a public outreach plan, to include conducting public meetings in communities within WRIA 48; may also include recruiting volunteer metering candidates.

Task Goal Statement:

Educate WRIA 48 residents and landowners about the Rule and current efforts to estimate water use by exempt wells.

Task Expected Outcome:

Public meetings and publicity materials; if feasible, pool of volunteer metering candidates.

Recipient Task Coordinator: Sandra Strieby

Deliverables

Number	Description	Due Date
3.1	Outreach plan	07/31/2019
3.2	Outreach materials and report on public meeting attendance.	03/31/2020

CHANGES TO SCOPE OF WORK

Task Number: 4 Task Cost: \$3,316.78

Task Title: Work Plan Development

Task Description:

Develop a work plan for refining and validating estimates of total and consumptive water use on parcels. The work plan approach will build on previous studies of parcel water use in WRIA 48.

This task will develop a work plan and planning-level cost estimate to guide funding and implementation of a study of water use on parcels. A reliable use estimate will complete accounting of remaining reservation quantities available to support Okanogan County water availability determinations.

- * Determine whether a single water use estimate can be applied throughout the basin or if geographical variations should be considered.
- * Identify and justify a validation approach based on statistical analysis and/or Best Available Science.
- * Estimate level of effort and cost to implement the recommended approach.
- * Present draft approach and finalize a work plan.

Task Goal Statement:

Complete a work plan and cost estimate to guide funding and implementation of a study of water use on parcels, to support Okanogan County water availability determinations.

Task Expected Outcome:

Completed work plan with recommendations and cost estimate.

Recipient Task Coordinator: Sandra Strieby

Deliverables

Number	Description	Due Date
4.1	Water use study work plan.	05/31/2022

CHANGES TO SCOPE OF WORK

Task Number: 5 Task Cost: \$11,966.37

Task Title: Voluntary Metering Pilot Program

Task Description:

The RECIPIENT will develop a work plan for the pilot program and protocols that address information to be collected from program participants, metering data to be collected, and how the RECIPIENT will differentiate indoor from outdoor use and the associated quantities.

The RECIPIENT will purchase, install, and collect data from a minimum of five, and up to 12, water meters to monitor water use by single-family residences using exempt wells in WRIA 48.

The RECIPIENT will document the process of developing and implementing the program so that lessons learned can be used to develop a protocol and funding proposal for a larger metering program to estimate water use and fine-tune estimates of debits to the reserve resulting from post-Rule development of parcels, if such a program appears warranted.

The RECIPIENT will analyze and report metering data after meters have been in place for at least one full year.

Task Goal Statement:

Establish preliminary estimates of water use by single-family residences using exempt wells in WRIA 48; determine whether a larger metering program to estimate water use and fine-tune estimates of debits to the reserve resulting from post-Rule development of parcels is warranted; and inform development of a protocol and funding proposal for such a metering program if warranted.

Task Expected Outcome:

Process report; monitoring data; data monitoring report; recommendations regarding a future larger metering program

Recipient Task Coordinator: Sandra Strieby

Deliverables

Number	Description	Due Date
5.1	Pilot program work plan and protocols	12/31/2019
5.2	Documentation that 5 to 12 smart water meters were installed at single-family residences using exempt wells in WRIA 48	03/31/2020
5.3	Report documenting pilot program, including the process of developing and implementing the program, lessons learned, water-use data, analysis of data relative to estimated debits to the reserve resulting from post-Rule development of parcels, and recommendations regarding a future larger metering program to estimate water use and fine-tune estimates of debits to the reserve resulting from post-Rule development of parcels.	06/30/2022

Funding Distribution Summary

Recipient / Ecology Share

Funding Distribution Name	Recipient Match %	Recipient Share	Ecology Share	Total
Watershed Plan Implementation and Flow Achievement	0 %	\$ 0.00	\$ 53,835.15	\$ 53,835.15
Total		\$ 0.00	\$ 53,835.15	\$ 53,835.15

AUTHORIZING SIGNATURES

All other terms and conditions of the original Agreement including any Amendments remain in full force and effect, except as expressly provided by this Amendment.

The signatories to this Amendment represent that they have the authority to execute this Amendment and bind their respective organizations to this Amendment.

This amendment will be effective 04/14/2021.

IN WITNESS WHEREOF: the parties hereto, having read this Amendment in its entirety, including all attachments, do agree in each and every particular and have thus set their hands hereunto.

Washington State
Department of Ecology

Methow Watershed Foundation

By: _____
Mary Verner
Water Resources
Program Manager
Date

By: Greg Knott 5/21/2021
Greg Knott
Chairperson
Date

Template Approved to Form by
Attorney General's Office



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The signatories to this Amendment represent that they have the authority to execute this Amendment and bind their respective organizations to this Amendment.

This amendment will be effective 04/14/2021.

IN WITNESS WHEREOF: the parties hereto, having read this Amendment in its entirety, including all attachments, do agree in each and every particular and have thus set their hands hereunto.

Washington State
Department of Ecology

Methow Watershed Foundation

By: _____
Mary Verner
Water Resources
Program Manager
Date

By: Greg Knott 5/21/2021
Greg Knott
Chairperson
Date

Template Approved to Form by
Attorney General's Office