



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Washington Water Science Center
934 Broadway St, Ste 300
Tacoma, WA 98402

September 5, 2023

Ms. Paula Harris
Manager, River and Flood Division
Whatcom County Flood Control Zone District
Whatcom County Public Works Department
322 N Commercial Street, Suite 210
Bellingham, WA 98225-4042

Dear Ms. Harris:

Enclosed is our standard joint-funding agreement (24YGJFA04200) between the U.S. Geological Survey Washington Water Science Center and Whatcom County Public Works for the operation and maintenance of streamgages for discharge, stage only, climate, and imagery, during the period October 1, 2023 through September 30, 2024 in the amount of \$159,100 from your agency. U.S. Geological Survey contributions for this agreement are \$10,370 for a combined total of \$169,470. Please sign and return one fully-executed original to Sharbra Gordon-Scott at the address above, or via email at gs-w-wa_agreements_dropbox@usgs.gov.

Federal law requires that we have a signed agreement before we start or continue work. Please return the signed agreement by **October 15, 2023**. If, for any reason, the agreement cannot be signed and returned by the date shown above, please contact Christopher Laveau by phone number (701) 213-8694 or email cdlaveau@usgs.gov to make alternative arrangements.

This is a fixed cost agreement to be billed quarterly via Down Payment Request (automated Form DI-1040). Please allow 30-days from the end of the billing period for issuance of the bill. If you experience any problems with your invoice(s), please contact Sharbra Gordon-Scott at phone number (253) 552-1698 or email at gs-w-wa_agreements_dropbox@usgs.gov.

The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. We look forward to continuing this and future cooperative efforts in these mutually beneficial water resources studies.

Sincerely,

CHRISTOPHER LAVEAU Digitally signed by
CHRISTOPHER LAVEAU
Date: 2023.09.05
16:07:57 -07'00'

Chris Laveau
Acting Center Director

Enclosure
24YGJFA04200 (1)

Form 9-1366
(May 2018)

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement
FOR
Water Resource Investigations

Customer #: 600000721
Agreement #: 24YGJFA04200
Project #: YG00H1U 0100
TIN #: 91-6001383

Fixed Cost Agreement YES[X] NO[]

THIS AGREEMENT is entered into as of the **October 1, 2023**, by the U.S. GEOLOGICAL SURVEY, Washington Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Whatcom County Flood Control Zone District party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00.

- (a) **\$10,370** by the party of the first part during the period
October 1, 2023 to September 30, 2024
- (b) **\$159,100** by the party of the second part during the period
October 1, 2023 to September 30, 2024
- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of: \$8,820
Description of the USGS regional/national program: USGS Federal Priority Streamgage Program
- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program, and if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties. The Parties acknowledge that scientific information and data developed as a result of the Scope of Work (SOW) are subject to applicable USGS review, approval, and release requirements, which are available on the USGS Fundamental Science Practices website (<https://www2.usgs.gov/fsp/>).

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9. Billing for this agreement will be rendered quarterly. Invoices not paid within 60 days from the billing date will bear Interest, Penalties, and Administrative cost at the annual rate pursuant the Debt Collection Act of 1982, (codified at 31 U.S.C. § 3717) established by the U.S. Treasury.

USGS Technical Point of Contact

Name: Christopher Laveau
Supervisory Hydrologist
Address: 934 Broadway Suite 300
Tacoma, WA 98402
Telephone: (701) 213-8694
Fax:
Email: cdlaveau@usgs.gov

Customer Technical Point of Contact

Name: Paula Harris
Manager, River and Flood Division
Address: Whatcom County Public Works
Department 322 N Commercial Street,
Suite 210
Bellingham, WA 98225-4042
Telephone: (360) 778-6285
Fax:
Email: pharris@co.whatcom.wa.us

USGS Billing Point of Contact

Name: Sharbra Gordon-Scott
Budget Analyst
Address: 934 Broadway Suite 300
Tacoma, WA 98402
Telephone: (253) 552-1698
Fax: (253) 552-1581
Email: sgordon-scott@usgs.gov

Customer Billing Point of Contact

Name: Paula Harris
Manager, River and Flood Division
Address: Whatcom County Public Works
Department 322 N Commercial Street,
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Bellingham, WA 98225-4042
Telephone: (360) 778-6285
Fax:
Email: pharris@co.whatcom.wa.us

U.S. Geological Survey
United States
Department of Interior

Whatcom County Flood Control Zone District

Signature

Signatures

CHRISTOPHER LAVEAU
By CHRISTOPHER LAVEAU Digitally signed by CHRISTOPHER LAVEAU Date: 2023.09.05 16:08:20 -07'00' Date: _____
Name: Chris Laveau
Title: Acting Center Director

By _____ Date: _____
Name:
Title:

By _____ Date: _____
Name:
Title:

By _____ Date: _____
Name:
Title:

Whatcom County Flood Control Zone District

Attachment for 24YGJFA04200

2023-10-01 to 2024-09-30

SURFACE WATER

SITE	Collection Description	FUNDS		
		USGS	COOP	TOTAL
12205000	NF NOOKSACK RIVER BL CASCADE CREEK NR GLACIER, WA Full Range Streamflow Station	\$5,450	\$17,870	\$23,320
12208000	MF NOOKSACK RIVER NEAR DEMING, WA Full Range Streamflow Station		\$3,521	\$3,521
12210000	SF NOOKSACK RIVER AT SAXON BRIDGE, WA Full Range Streamflow Station		\$17,195	\$17,195
12210220	JONES CREEK AT ACME, WA Stage, Continuous		\$7,020	\$7,020
12210700	NOOKSACK RIVER AT NORTH CEDARVILLE, WA Full Range Streamflow Station		\$13,514	
	Discharge, Measurement		\$2,760	\$16,274
12211190	NOOKSACK R OVERFLOW AT EMERSON RD AT EVERSON, WA Stage, Continuous		\$4,680	\$4,680
12211195	NOOKSACK R OVERFLOW AT HIGHWAY 544 AT EVERSON, WA Stage, Continuous		\$4,680	\$4,680
12211200	NOOKSACK RIVER AT EVERSON, WA Full Range Streamflow Station		\$23,320	
	Discharge, Measurement		\$2,760	\$26,080
12211500	NOOKSACK RIVER NEAR LYNDEN, WA Full Range Streamflow Station		\$23,050	\$23,050
12213100	NOOKSACK RIVER AT FERNDALE, WA Full Range Streamflow Station	\$4,920	\$18,400	\$23,320
12214500	SUMAS RIVER NEAR SUMAS, WA Full Range Streamflow Station		\$11,530	\$11,530
Total:		\$10,370	\$150,300	\$160,670

CLIMATE

SITE	Collection Description	FUNDS		
		USGS	COOP	TOTAL
12210220	JONES CREEK AT ACME, WA Precipitation, Continuous		\$2,190	\$2,190
12210700	NOOKSACK RIVER AT NORTH CEDARVILLE, WA Precipitation, Continuous		\$2,910	\$2,910
Total:			\$5,100	\$5,100

CELLULAR TELEMETRY & CAMERA OPERATION

SITE	Collection Description	FUNDS		
		USGS	COOP	TOTAL
12211190	NOOKSACK R OVERFLOW AT EMERSON RD AT EVERSON, WA Miscellaneous Service		\$1,850	\$1,850
12211195	NOOKSACK R OVERFLOW AT HIGHWAY 544 AT EVERSON, WA Miscellaneous Service		\$1,850	\$1,850
Total:			\$3,700	\$3,700
GRAND TOTAL:		\$10,370	\$159,100	\$169,470

