The State of New Hampshire
Department of Environmental Services

Robert R. Scott, Commissioner

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June 14, 2021

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord NH 03301

REQUESTED ACTION

Authorize the Department of Environmental Services (DES) to enter into a **SOLE SOURCE** Joint Funding Agreement with the U.S. Geological Survey (USGS), Pembroke, NH, (VC # 175772-R001), in the amount of $450,940.00 for streamflow gaging, effective as of July 1, 2021 through June 30, 2023, upon Governor & Council approval. 49% General Funds, 30% Interagency Funds and 21% Other Funds.

Funding is available in the accounts as follows. Funding for FY 2022 and FY 2023 is contingent upon continuing appropriation and availability of funds.

Dept. of Environmental Services, 03-44-44-442010	FY 2022	FY 2023	TOTAL
3800-102-500731 Dam Bureau Administration Contracts for Program Services	$176,695	$179,635	$356,330
3812-102-500731 Connecticut-Coos Project Contracts for Program Services	$19,360	$19,800	$39,160
3817-102-500731 Dam Maintenance Program Contracts for Program Services	$26,875	$28,575	$55,450
TOTAL	$222,930	$228,010	$450,940

EXPLANATION

Under the Joint Funding Agreement, USGS will operate and maintain the existing network of 27 streamflow gages for FY 2022 and 2023. This agreement is **sole source** because USGS is the only provider that operates the Streamflow Gaging Program in New Hampshire and because USGS is funding 40% of the cost of the program. See the attached Agreement for the list of gage stations.

The state's participation in the USGS Cooperative Streamflow Gaging Program is authorized under RSA 482:85. Under the Cooperative Streamflow Gaging Program, the USGS operates and maintains gaging stations throughout New Hampshire and collects and publishes data on the flows in rivers and streams in the

state. The data are used by numerous state and federal programs as well as municipalities and private industry. The data support emergency response, flood control and water management, planning activities, permitting, and hydraulic structure design.

Under this agreement the USGS will provide $305,140 (approximately 40%) in funds towards the total cost of $756,080 to operate the stream gaging network for the next two years, with the balance of $450,940 (approximately 60%) being provided by the State. The State share is funded by DES (70%) and the Department of Transportation (30%) as established in a Memorandum of Agreement approved by Governor and Council on December 3, 2014 (Item 63). This Agreement has been approved by the Department of Justice as to form, content and execution.

We respectfully request your approval.

Robert R. Scott
Commissioner

Form 9-1366
(May 2018)

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

Customer #: 6000000093
Agreement #: 21LGJFANH000010
Project #:
TIN #: 02-6000618

Fixed Cost Agreement YES[X] NO[ ]

THIS AGREEMENT is entered into as of the July 1, 2020, by the U.S. GEOLOGICAL SURVEY, New England Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the New Hampshire Department of Environmental Services 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, specifically the operations and maintenance of a streamgaging network (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) $305,140 by the party of the first part during the period July 1, 2021 to June 30, 2023

(b) $450,940 by the party of the second part during the period July 1, 2021 to June 30, 2023

(c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of: $0

Description of the USGS regional/national 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://www.usgs.gov/about/organization/science-support/science-quality-and-integrity/fundamental-science-practices).

Form 9-1366
(May 2018)

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

Customer #: 6000000093
Agreement #: 21LGJFANH000010
Project #:
TIN #: 02-6000618

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:	Richard Kiah Supervisory Hydrologic Technician
Address:	331 Commerce Way Suite #2 Pembroke, NH 03275-3718
Telephone:	(603) 226-7819
Fax:	(603) 226-7894
Email:	rkiah@usgs.gov

Customer Technical Point of Contact

Name:	James Gallagher, Jr. Chief Engineer
Address:	NH DES, Water Division 29 Hazen Drive Concord, NH 03302
Telephone:	(603) 271-3406
Fax:	(603) 271-2982
Email:	james.gallagher@des.nh.gov

USGS Billing Point of Contact

Name:	Amanda Arsenault Budget Analyst
Address:	196 Whitten Rd. Augusta, ME 04330
Telephone:	(207) 626-6617
Fax:	(207) 622-8204
Email:	aluszczk@usgs.gov

Customer Billing Point of Contact

Name:	James Gallagher, Jr. Chief Engineer
Address:	NH DES, Water Division 29 Hazen Drive Concord, NH 03302
Telephone:	(603) 271-3406
Fax:	(603) 271-2982
Email:	james.gallagher@des.nh.gov

U.S. Geological Survey
United States
Department of Interior

Signature

By JOHNATHAN BUMGARNER Digitally signed by JOHNATHAN BUMGARNER Date: 2021.04.28 08:50:28 -04'00' **Date: 04/27/2021**
Name: Johnathan Bumgarner
Title: Director

New Hampshire Department of Environmental Services

Signatures

By [signature] **Date:** 6/14/21
Name: Robert R Scott
Title: Commissioner

By [signature] **Date:** 6/14/2021
Name: Joshua Harrison
Title: Asst. Atty. General

By_____ **Date:** _____
Name:
Title:

Table 1
Cooperative Streamgaging Stations in New Hampshire
State Fiscal Year 2022

NUMBER	STATION NAME	TOTAL COST	July 2021 to June 2022 USGS COST	July 2021 to June 2022 STATE COST	NOTES
010642505	Saco River at River Street at Bartlett, NH	16300	6620.00	9680.00	Published water temperature, [1]operational air temperature
01064801	Bearcamp River near South Tamworth, NH	14700	5970.00	8730.00	Modem telemetric site, operational precipitation
01072870	Isinglass River nr Dover, NH	16300	6620.00	9680.00	Published water temperature, operational air temperature
01073000	Oyster River at Durham, NH	14700	5970.00	8730.00	
01073319	Lamprey River at Raymond, NH	16300	6620.00	9680.00	Published water temperature, operational air temperature
01073500	Lamprey River at Newmarket, NH	14700	5970.00	8730.00	
010735562	Exeter River at Odell Road near Sandown, NH	14700	5970.00	8730.00	Operational air and water temperature
01073587	Exeter River nr Exeter, NH	14700	5970.00	8730.00	Modem telemetric site, operational precipitation
01073785	Winnicut River at Greenland, NH	14700	5970.00	8730.00	
01074520	E Branch Pemigewasset River at Lincoln, NH	14700	5970.00	8730.00	
01077400	Cockermouth River nr Groton, NH	14700	5970.00	8730.00	Operational air and water temperature
01081000	Winnipesaukee River at Tilton, NH	14700	5970.00	8730.00	Modem telemetric site
01091000	S Branch Piscataquog R nr Goffstown, NH	16300	6620.00	9680.00	Published water temperature, operational air temperature
01092000	Merrimack River near Goffs Falls, NH	8300	3440.00	4860.00	Partially funded as Federal Priority Streamgage
01093852	Souhegan River nr Milford, NH	16300	6620.00	9680.00	Published water temperature, operational air temperature
010965852	Beaver Brook at North Pelham, NH	14700	5970.00	8730.00	
01129200	Connecticut River bel Indian Stream	1600	650.00	950.00	Published water temperature, operational air temperature
01129500	Connecticut River at North Strafford, NH	1600	650.00	950.00	Published water temperature, operational air temperature
01130000	Upper Ammonoosuc River near Groveton, NH	14700	5970.00	8730.00	Operational air and water temperature
01131500	Connecticut River near Dalton, NH	14700	5970.00	8730.00	Operational air temperature and slope gage
01138500	Connecticut River at Wells River, VT	14700	5970.00	8730.00	
01152010	Sugar River at Sunapee, NH	14700	5970.00	8730.00	
01152500	Sugar River at West Claremont, NH	14700	5970.00	8730.00	
01154500	Connecticut River at North Walpole, NH	14700	5970.00	8730.00	
01154950	Cold River at High Street at Alstead, NH	16300	6620.00	9680.00	Published water temperature, operational air temperature
01157000	Ashuelot River near Gilsum, NH	16300	6620.00	9680.00	Published water temperature, operational air temperature
01161000	Ashuelot River at Hinsdale, NH	14700	5970.00	8730.00	
	TOTAL	**375500**	**152570**	**222930**	

[1]Operational data are collected by USGS for the purposes of supporting short-term operational needs of the data network or parameters measured to facilitate the computation of another parameter of interest. These parameters are not necessarily corrected for errors and not intended for publication.

Table 2
Cooperative Streamgaging Stations in New Hampshire
State Fiscal Year 2023

NUMBER	STATION NAME	TOTAL COST	July 2022 to June 2023 USGS COST	July 2022 to June 2023 STATE COST	NOTES
010642505	Saco River at River Street at Bartlett, NH	16520	6620.00	9900.00	Published water temperature, [1]operational air temperature
01064801	Bearcamp River near South Tamworth, NH	14900	5970.00	8930.00	Modem telemetric site, operational precipitation
01072870	Isinglass River nr Dover, NH	16520	6620.00	9900.00	Published water temperature, operational air temperature
01073000	Oyster River at Durham, NH	14900	5970.00	8930.00	
01073319	Lamprey River at Raymond, NH	16520	6620.00	9900.00	Published water temperature, operational air temperature
01073500	Lamprey River at Newmarket, NH	14900	5970.00	8930.00	
010735562	Exeter River at Odell Road near Sandown, NH	14900	5970.00	8930.00	Operational air and water temperature
01073587	Exeter River nr Exeter, NH	14900	5970.00	8930.00	Modem telemetric site, operational precipitation
01073785	Winnicut River at Greenland, NH	14900	5970.00	8930.00	
01074520	E Branch Pemigewasset River at Lincoln, NH	14900	5970.00	8930.00	
01077400	Cockermouth River nr Groton, NH	14900	5970.00	8930.00	Operational air and water temperature
01081000	Winnipesaukee River at Tilton, NH	14900	5970.00	8930.00	Modem telemetric site
01091000	S Branch Piscataquog R nr Goffstown, NH	16520	6620.00	9900.00	Published water temperature, operational air temperature
01092000	Merrimack River near Goffs Falls, NH	8400	3440.00	4960.00	Partially funded as Federal Priority Streamgage
01093852	Souhegan River nr Milford, NH	16520	6620.00	9900.00	Published water temperature, operational air temperature
010965852	Beaver Brook at North Pelham, NH	14900	5970.00	8930.00	
01129200	Connecticut River bel Indian Stream	1620	650.00	970.00	Published water temperature, operational air temperature
01129500	Connecticut River at North Strafford, NH	1620	650.00	970.00	Published water temperature, operational air temperature
01130000	Upper Ammonoosuc River near Groveton, NH	14900	5970.00	8930.00	Operational air and water temperature
01131500	Connecticut River near Dalton, NH	14900	5970.00	8930.00	Operational air temperature and slope gage
01138500	Connecticut River at Wells River, VT	14900	5970.00	8930.00	
01152010	Sugar River at Sunapee, NH	14900	5970.00	8930.00	
01152500	Sugar River at West Claremont, NH	14900	5970.00	8930.00	
01154500	Connecticut River at North Walpole, NH	14900	5970.00	8930.00	
01154950	Cold River at High Street at Alstead, NH	16520	6620.00	9900.00	Published water temperature, operational air temperature
01157000	Ashuelot River near Gilsum, NH	16520	6620.00	9900.00	Published water temperature, operational air temperature
01161000	Ashuelot River at Hinsdale, NH	14900	5970.00	8930.00	
	TOTAL	**380580**	**152570**	**228010**	

[1]Operational data are collected by USGS for the purposes of supporting short-term operational needs of the data network or parameters measured to facilitate the computation of another parameter of interest. These parameters are not necessarily corrected for errors and not intended for publication.