



# United States Department of the Interior

U.S. GEOLOGICAL SURVEY  
California Water Science Center  
6000 J Street  
Sacramento, CA 95819

August 19, 2024

Pawan Upadhyay  
Director, Water Resources  
Lake County Watershed Protection District  
255 N Forbes St Room 309  
Lakeport, CA 95453

Dear Pawan Upadhyay:

Attached is the Joint Funding Agreement (JFA) 25ZGJFA01000062, signed by our agency, for your approval to enact the cost changes to the project(s) California Water Science Center Water Resources Investigations, during the period October 1, 2024 through September 30, 2027 in the amount of \$102,050 from your agency. U.S. Geological Survey contributions for this agreement are \$0 for a combined total of \$102,050. If you are in agreement with this proposed program, please return the fully executed signed copy to [CAgAgeADMIN@usgs.gov](mailto:CAgAgeADMIN@usgs.gov) (preferred) or send one fully executed paper copy to Jonathan Esposito at the address in the letter head.

Federal law requires that we have a signed agreement before we start or continue work. Please return the signed agreement by **October 1, 2024**. If, for any reason, the agreement cannot be signed and returned by the date shown above, please contact Andrew Watson at (707) 468-4042 or email [afwatson@usgs.gov](mailto:afwatson@usgs.gov) to make alternative arrangements.

This is a fixed cost agreement to be billed annually 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 Jonathan Esposito at phone number (916) 278-3000 or [jesposito@usgs.gov](mailto:jesposito@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,

Anke Mueller-Solger  
Director, USGS California Water Science Center

Enclosure  
Detailed Summary

**Form 9-1366  
(May 2018)**

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

**Customer #: 600000850  
Agreement #: 25ZGJFA01000062  
Project #: ZG00GZV  
TIN #: 94-6082500**

**Fixed Cost Agreement YES[ X ] NO[ ]**

THIS AGREEMENT is entered into as of the October 1, 2024, by the U.S. GEOLOGICAL SURVEY, California Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Lake County Watershed Protection 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 for negotiated deliverables (see attached), 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) \$0 by the party of the first part during the period  
October 1, 2024 to September 30, 2027

(b) \$102,050 by the party of the second part during the period  
October 1, 2024 to September 30, 2027

(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/office-of-science-quality-and-integrity/fundamental-science-practices>).

**Water Resource Investigations**

9. Billing for this agreement will be rendered annually. 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: Andrew Watson  
Supervisory Hydrologic Technician  
Address: 2550 No. State Street Suite 1  
Ukiah, CA 95482  
Telephone: (707) 468-4042  
Fax: (707) 468-4022  
Email: afwatson@usgs.gov

**Customer Technical Point of Contact**

Name: Pawan Upadhyay  
Director, Water Resources  
Address: 255 N Forbes St Room 309  
Lakeport , CA 95453  
Telephone: (707) 263-1965  
Fax: (n/a)  
Email: Pawan.Upadhyay@lakecountyca.gov

**USGS Billing Point of Contact**

Name: Jonathan Esposito  
Budget Analyst  
Address:  
Telephone:  
Fax: (n/a)  
Email: jesposito@usgs.gov

**Customer Billing Point of Contact**

Name: Jacqueline Storrs  
Accountant  
Address: 255 N. Forbes St.  
Lakeport, CA 95453  
Telephone: (707) 263-2344  
Fax: (707) 263-1965  
Email: jacqueline.storrs@lakecountyca.gov

U.S. Geological Survey  
United States  
Department of Interior

Lake County Watershed Protection District

Signature

Signatures

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Anke Mueller-Solger  
Title: Director, USGS California Water Science Center

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

### Lake County Watershed Protection District

Attachment for 25ZGJFA01000062  
2024-10-01 to 2027-09-30

**SURFACE WATER**

<b>SITE NUMBER</b>	<b>DESCRIPTION</b>	<b>CODE</b>	<b>NO. UNITS</b>	<b>DIFF FACTOR</b>	<b>USGS FUNDS</b>	<b>CUST. CASH</b>	<b>OTHER FUNDS</b>	<b>TOTAL COST</b>
11449255	SCOTTS C AB STATE ROUTE 29 A UPPER LAKE CA							
	Full Range Streamflow - Seasonal	QCONT-SEASON	1	1		\$16,750		
	Full Range Streamflow - Seasonal	QCONT-SEASON	1	1		\$17,550		
	Full Range Streamflow - Seasonal	QCONT-SEASON	1	1		\$18,390		
				<b>SW Total:</b>				<b>\$52,690</b>
				<b>SW Grand Total:</b>		<b>\$52,690</b>		<b>\$52,690</b>

Lake County Watershed Protection District  
**25ZGJFA01000062 (continued)**

WATER QUALITY

SITE NUMBER	DESCRIPTION	CODE	NO. UNITS	DIFF FACTOR	USGS FUNDS	CUST. CASH	OTHER FUNDS	TOTAL COST
11449255	SCOTTS C AB STATE ROUTE 29 A UPPER LAKE CA							
	Water Quality, Continuous	WQCONT	1	1		\$5,480		
	Water Quality, Continuous	WQCONT	1	1		\$10,180		
	Water Quality, Continuous	WQCONT	1	1		\$5,750		
	Water Quality, Continuous	WQCONT	1	1		\$10,690		
	Water Quality, Continuous	WQCONT	1	1		\$6,040		
	Water Quality, Continuous	WQCONT	1	1		\$11,220		
				<b>WQ Total:</b>				<b>\$49,360</b>
				<b>WQ Grand Total:</b>		<b>\$49,360</b>		<b>\$49,360</b>

SUMMARY FOR				
TYPE	USGS FUNDS	CUST. CASH	OTHER FUNDS	TOTAL COST
SURFACE WATER (SW)		\$52,690		\$52,690
WATER QUALITY (WQ)		\$49,360		\$49,360
<b>GRAND TOTAL</b>				<b>\$102,050</b>