



## United States Department of the Interior

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

July 30, 2024

Peter Kwiek  
Associate Hydrologist  
Monterey County Water Resources Agency  
1441 Schilling Place P.O Box 930  
Salinas, CA 93902

Dear Peter Kwiek:

Attached is the Joint Funding Agreement (JFA) 25ZGJFA03000020, 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, 2025 in the amount of \$230,060 from your agency. U.S. Geological Survey contributions for this agreement are \$55,050 for a combined total of \$285,110. If you are in agreement with this proposed program, please return the fully executed signed copy to CAgageADMIN@usgs.gov (preferred) or send one fully executed paper copy to Cade Castro 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 Anthony Guerriero at (831) 460-7494 or email [aguerrie@usgs.gov](mailto:aguerrie@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 Cade Castro at phone number (970) 462-2034 or [ccastro@usgs.gov](mailto:ccastro@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

Digitally signed by ANKE  
MUELLER-SOLGER  
Date: 2024.07.30  
09:23:39 -07'00'

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 #: 6000000803  
Agreement #: 25ZGJFA03000020  
Project #: ZG00GZV  
TIN #: 94-6000524**

**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 Monterey County Water Resources Agency 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) \$55,050 by the party of the first part during the period  
October 1, 2024 to September 30, 2025
- (b) \$230,060 by the party of the second part during the period  
October 1, 2024 to September 30, 2025
- (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>).

Form 9-1366  
(May 2018)

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

Customer #: 6000000803  
Agreement #: 25ZGJFA03000020  
Project #: ZG00GZV  
TIN #: 94-6000524

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: Anthony Guerriero  
Supervisory Hydrologic Technician  
Address: 400 Natural Bridges Drive  
Santa Cruz, CA 95060  
Telephone: (831) 460-7494  
Fax: (831) 427-4475  
Email: aguerrie@usgs.gov

Customer Technical Point of Contact

Name: Peter Kwiek  
Associate Hydrologist  
Address: 1441 Schilling Place P.O Box 930  
Salinas, CA 93902  
Telephone: (831) 755-4836  
Fax: (n/a)  
Email: kwiekpk@co.monterey.ca.us

USGS Billing Point of Contact

Name: Cade Castro  
Budget Analyst  
Address: 6000 J Street Placer Hall  
Telephone: (970) 462-2034  
Fax: (n/a)  
Email: ccastro@usgs.gov

Customer Billing Point of Contact

Name: Tanya Hernandez  
Accounts Payable  
Address: 1441 Schilling Place P.O. Box 930  
Salinas, CA 93901  
Telephone: (831) 755-4860  
Fax: (n/a)  
Email: WRAAccountsPayable@co.monterey.ca.us

U.S. Geological Survey  
United States  
Department of Interior

Monterey County Water Resources Agency

Signature

By ANKE MUELLER-SOLGER  
Digitally signed by ANKE MUELLER-SOLGER  
Date: 2024.07.30 09:23:12 -07'00'  
Date: \_\_\_\_\_  
Name: Anke Mueller-Solger  
Title: Director, USGS California Water Science Center

Signatures

DocuSigned by:  
By Ara Azhderian  
Date: 10/1/2024 | 11:47 AM PDT  
Name: Ara Azhderian General Manager  
Title:  
Signed by:  
By Kelly L. Donlon  
Date: 9/30/2024 | 2:01 PM PDT  
Name: Kelly L. Donlon  
Title: Assistant County Counsel  
DocuSigned by:  
By Jennifer Forsyth  
Date: 9/30/2024 | 4:57 PM PDT  
Name: Jennifer Forsyth  
Title: Auditor-Controller Analyst II

Signed by:  
By Trent Hill  
Date: 10/1/2024 | 9:15 AM PDT  
Name: Trent Hill  
Title: SENIOR ADMINISTRATIVE ANALYST

**FY 2025                      USGS Cooperative Water Program**

Agreement Period Oct 1, 2024 - Sept 30, 2025  
Agreement # 25ZGJFA03000020

7/29/2024

**USGS Contact:**

Anthony Guerriero  
2885 Mission Street  
Santa Cruz CA 95060  
(831) 460-7494  
aguerrie@usgs.gov

**Monterey County Water Resources Agency**

Mr. Peter Kwiek  
Associate Hydrologist  
Monterey County Water Resources Agency  
Post Office Box 930  
Salinas, California 93902

**Program Total = \$285,110**  
**USGS Cooperative Matching Funds = \$55,050**  
**Cooperator Total = \$230,060**

Type	Station Number	Station Name	Activity	Activity Cost	USGS Funds	Cooperator Funds
SW	11143000	Big Sur R nr Big Sur CA	Streamflow, continuous (CMF)	\$ 26,710	\$ 7,340	\$ 19,370
SW	11143200	Carmel R a Robles Del Rio CA	Streamflow, continuous (CMF)	\$ 26,710	\$ 7,340	\$ 19,370
SW	11147500	Salinas R a Paso Robles CA (50% Split with San Luis Obispo County FC&WD)	Streamflow, continuous (CMF)	\$ 13,360	\$ 3,670	\$ 9,690
SW	11148900	Nacimiento R bl Sapaque C nr Bryson CA	Streamflow, continuous (CMF)	\$ 26,710	\$ 7,340	\$ 19,370
SW	11149400	Nacimiento R bl Nacimiento Dam nr Bradley CA	Streamflow, continuous	\$ 27,880	\$ -	\$ 27,880
SW	11149400	Nacimiento R bl Nacimiento Dam nr Bradley CA (Five Extra Measurments)	Discharge measurement	\$ 2,800	\$ -	\$ 2,800
SW	11149900	San Antonio R nr Lockwood CA	Streamflow, continuous (CMF)	\$ 26,710	\$ 7,340	\$ 19,370
SW	11151700	Salinas R a Soledad CA	Streamflow, continuous (CMF)	\$ 26,710	\$ 7,340	\$ 19,370
SW	11151870	Arroyo Seco nr Greenfield CA (Operated October - April)	Streamflow, Seasonal	\$ 16,750	\$ -	\$ 16,750
SW	11152050	Arroyo Seco bl Reliz C nr Soledad CA	Streamflow, continuous (CMF)	\$ 26,710	\$ 7,340	\$ 19,370
SW	11152300	Salina R nr Chualar CA	Streamflow, continuous (CMF)	\$ 26,710	\$ 7,340	\$ 19,370
SW	11152650	Reclamation Ditch nr Salinas CA (Adjusted 60% due to Weir)	Streamflow, continuous	\$ 16,730	\$ -	\$ 16,730
SW	11149300	Nacimiento Res nr Bradley CA	Water Level/Reservoir, continuous	\$ 9,750	\$ -	\$ 9,750
SW	11150100	San Antonio Res nr Bradley CA	Water Level/Reservoir, continuous	\$ 9,750	\$ -	\$ 9,750
SW		Measurments Annual Salinas River Survey (Two Measurements)	Discharge measurement	\$ 1,120	\$ -	\$ 1,120

**Summary of Monitoring Conducted in Cooperation with Other Agencies**

SW	11147500	Salinas R a Paso Robles CA	Streamflow, continuous (CMF)	San Luis Obispo County
SW	11150500	Salinas R a Bradley CA	Streamflow, continuous	California Department of Water Resources
SW	11151300	San Lorenzo C bl Bitterwater C nr King City CA	Streamflow, continuous	USGS Federal Priority Streamgange
SW	11152000	Arroyo Seco nr Soledad CA	Streamflow, continuous	USGS Federal Priority Streamgange
SW	11152500	Salinas R a Spreckles CA	Streamflow, continuous	California Department of Water Resources
SW	11159000	Pajaro R a Chittenden CA	Streamflow, continuous	USGS Federal Priority Streamgange

Monterey County Water Resources Agency  
Attachment for 25ZGJFA03000020  
2024-10-01 to 2025-09-30

SURFACE WATER							
SITE NUMBER	DESCRIPTION	CODE	NO. UNITS	DIFF FACTOR	USGS FUNDS	CUST. OTHER CASH FUNDS	TOTAL COST
11143000	BIG SUR R NR BIG SUR CA Full Range Streamflow Station	QCONT	1	1	\$7,340	\$19,370	
				SW Total:			\$26,710
11143200	CARMEL R A ROBLES DEL RIO CA Full Range Streamflow Station	QCONT	1	1	\$7,340	\$19,370	
				SW Total:			\$26,710
11147500	SALINAS R A PASO ROBLES CA Full Range Streamflow Station	QCONT	1	1	\$3,670	\$9,690	
				SW Total:			\$13,360
11148900	NACIMIENTO R BL SAPAQUE C NR BRYSON CA Full Range Streamflow Station	QCONT	1	1	\$7,340	\$19,370	
				SW Total:			\$26,710
11149300	NACIMIENTO RES NR BRADLEY CA Storage, Continuous	STORCONT	1	1		\$9,750	
				SW Total:			\$9,750
11149400	NACIMIENTO R BL NACIMIENTO DAM NR BRADLEY CA Full Range Streamflow Station	QCONT	1	1		\$27,880	
	Discharge, Measurement	QMEAS	1	1		\$2,800	
				SW Total:			\$30,680
11149900	SAN ANTONIO R NR LOCKWOOD CA Full Range Streamflow Station	QCONT	1	1	\$7,340	\$19,370	
				SW Total:			\$26,710
11150100	SAN ANTONIO RES NR BRADLEY CA Storage, Continuous	STORCONT	1	1		\$9,750	
				SW Total:			\$9,750
11151700	SALINAS R A SOLEDAD CA Full Range Streamflow Station	QCONT	1	1	\$7,340	\$19,370	
				SW Total:			\$26,710
11151870	ARROYO SECO NR GREENFIELD CA Discharge, Measurement	QMEAS	1	1		\$16,750	
				SW Total:			\$16,750
11152050	ARROYO SECO BL RELIZ C NR SOLEDAD CA Full Range Streamflow Station	QCONT	1	1	\$7,340	\$19,370	
				SW Total:			\$26,710
11152300	SALINAS R NR CHUALAR CA Full Range Streamflow Station	QCONT	1	1	\$7,340	\$19,370	
				SW Total:			\$26,710
11152650	RECLAMATION DITCH NR SALINAS CA Partial range streamflow O&M	QPART	1	1		\$16,730	
				SW Total:			\$16,730
New	Discharge, Measurement	QMEAS	1	1		\$1,120	
				SW Total:			\$1,120
SW Grand Total:					\$55,050	\$230,060	\$285,110

SUMMARY FOR

TYPE	USGS FUNDS	CUST. CASH	OTHER FUNDS	TOTAL COST
SURFACE WATER (SW)	\$55,050	\$230,060		\$285,110
GRAND TOTAL				\$285,110