



BEDFORD COLDWATER
Groundwater Sustainability Authority

**REGULAR BOARD MEETING
AGENDA**

**May 20, 2021
4:00 PM**

Temescal Valley Water District Administrative Offices
22646 Temescal Canyon Road, Temescal Valley, California 92883

CALL TO ORDER AND ROLL CALL: Directors Casillas, Rodriguez, Williams

PUBLIC COMMENT

Any person may address the Board at this time upon any subject not identified on this Agenda, but within the jurisdiction of Bedford Coldwater Groundwater Sustainability Authority; however, any matter that requires action will be referred to staff for a report and action at a subsequent Board meeting. As to matters on the Agenda, an opportunity will be given to address the Board when the matter is considered.

- I. Consent Calendar
 - A. Approval of Minutes of the February 18, 2021 Special Meeting
 - B. Financial Statement
 - C. Ratification of Demands
 - D. Back-up Information for Major Contracts
 - E. Outside Contract Summary Report
- II. Amendment No. 1 for Professional Services Agreement with Geoscience Support Services, Inc.
- III. Administrator's Update
- IV. Legal Counsel Report
- V. Comments of the Board
- VI. Adjourn



BEDFORD COLDWATER
Groundwater Sustainability Authority

Pursuant to the Governor's Executive Orders N-25-20 and N-29-20, and in the interest of public health and safety, this meeting will be held telephonically. Remote public participation is encouraged in one of the following ways:
See next page:

For Online Participation:

Go to: www.zoom.us
Select Join a Meeting
Enter Meeting ID: 951 3474 9426
Meeting Password: 92530

For Call-in Only:

Call: (669) 900-9128
Enter Meeting ID: 951 3474 9426
Meeting Password: 92530

In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted in the main lobby of the Authority's Administrative offices not less than 72 hours prior to the meeting date and time above. All public records relating to each agenda item, including any public records distributed less than 72 hours prior to the meeting to all, or a majority of all, of the members of Authority's Board, are available for public inspection in the office at
22646 Temescal Canyon Road, Temescal Valley, California 92883

To request a disability-related modification or accommodation regarding agendas or attendance, contact Terese Quintanar, at (951) 674-3146, extension 8223 at least 48 hours before the meeting.



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: May 20, 2021

To: Board of Directors

From: General Manager

SUBJECT: APPROVAL OF MINUTES OF THE FEBRUARY 18, 2021 SPECIAL MEETING

RECOMMENDATION:

1. Approve the Minutes of the Bedford-Coldwater Groundwater Sustainability Authority Special Meeting of February 18, 2021.

DISCUSSION:

Draft meeting minutes are presented for consideration for approval. Future meetings have been scheduled for: August 19, and November 18, 2021, and February 17 and May 19, 2022.

FISCAL IMPACT:

Not applicable.

ENVIRONMENTAL WORK STATUS:

Not applicable.

EXHIBITS/ATTACHMENTS:

Draft Minutes

**MINUTES OF THE
SPECIAL MEETING OF THE
BEDFORD COLDWATER
GROUNDWATER SUSTAINABILITY AUTHORITY**

February 18, 2021

Board Present

Paul Rodriguez, TVWD
Jacque Casillas, City of Corona
Phil Williams, EVMWD

Staff Present

Jeff Pape, TVWD
Ganesh Krishnamurthy, EVMWD
Tom Moody, City of Corona
Margie Armstrong, EVMWD
Parag Kalaria, EVMWD
Terese Quintanar, EVMWD
Victor Harris, Stantec
Steve O'Neill, Olivarez Madruga Lemieux O'Neill, LLP
Katie Hockett, City of Corona

1. CALL TO ORDER AND ROLL CALL

The meeting of the Bedford-Coldwater Groundwater Sustainability Authority was held via teleconference allowed under the waivers of the Brown Act in response to the COVID19 epidemic. Participants joined by accessing information posted on the meeting Agenda, posted at least 72 hours prior to the meeting start time. The meeting was called to order by Chairman Rodriguez at 3:00 p.m.

2. PUBLIC COMMENT – None.

3. CONSENT CALENDAR

A. Approval of Minutes of the August 20, 2020 Regular Meeting

B. Financial Statement

C. Ratification of Demands

D. Back-up Information for Major Contracts

E. Outside Contract Summary Report

Vice-Chairperson Casillas asked for information regarding our investments. Chairman Rodriguez responded that the Authority adopted its Investment Policy about a year ago and funds are kept in LAIF's State Program. Ms. Armstrong responded to questions of the Board about the state of investments, reporting that LAIF funds are not in the highest earning pool, in comparison to other types. We have \$781,104 invested

but are not intending to keep a lot of money in BCGSA. We would need a larger amount to be kept in an investment pool for a longer period. The LAIF account can be viewed on-line, so we can look at the balance daily, if needed. Chairman Rodriguez stated that in the last return rate, the yield was reported at .54%, which is not great, but it could be lower. It is protected and if we get a revenue source and wish to invest for large capital projects, we could revise our policy as needed.

ACTION: Vice-Chairperson Casillas made a motion, Director Williams seconded, and the motion carried unanimously to approve the Consent Calendar.

4. BUSINESS CALENDAR

A. Adoption of Proposed Fiscal Year 2021-22 Budget (MO# 32)

Ms. Armstrong reported that the proposed Operating Budget contains the annual GSP update. Once the GSP is done and submitted, we are required to do an annual update the following year. Since this is the first annual update, a little more effort is involved, resulting in a small estimated additional expense. Budget amount of \$15,000 is for the GSP Administrator's time and is based on what we've been spending for the JPA administration, as opposed to GSP preparation. The Oversight/Management costs are related to EVMWD's services. Website Domain and Software projection is an annual fee. Funds for Website content design are included in case work is needed, which is the same for the estimated legal expenses. The Auditor is \$7,000 for two years and \$5,000 the years after, we are budgeting higher in anticipation of a single audit for 2022, for the funds received this year, and we will do that again in 2023 for the funds we will receive next year. We may need single audits two years in a row. Insurance costs are related to coverage by the JPIA, and Dues are the ACWA Membership Dues.

In regard to the Non-Operating budget, the GSP Development amount is related to the remaining contract amount for Todd Groundwater's work, and some costs for Stantec to oversee GSP development and implementation. Mr. Harris explained that the \$450,000 is divided into two parts, \$200,000 for monitoring wells and \$250,000 for Management Actions. Management Actions are an important component of the GSP as the Management Actions and projects are what the GSA commits to doing. He continued that one purpose would be to gather data to assess sustainability in the basin and report to the Department of Water Resources (DWR), in specific formats. Additional actions might be to fill data gaps, or actions achieve sustainability within a specified time frame (for basins at risk). One project and five Management Actions have been drafted. Management Actions consist of tasks associated with gathering information for DWR, routine tracking of groundwater levels and groundwater quality, annual sampling and tracking trends, and tracking groundwater levels near the Temescal Wash for protection of groundwater eco systems, and the fifth is the periodic review of DWR's data on subsidence. The fourth Management Action, tracking groundwater levels near the Temescal Wash, relates to the project. The project will be to gather more information on the relationship on vegetation and depth to groundwater in the Temescal Wash, which is

a challenging effort. We may utilize shallow piezometers for biological survey and tracking. Answering Chairman Rodriguez's question about the list of Management Actions, Mr. Harris answered that this document is in the process of being developed. It defines sustainability, minimum thresholds and measurable objective and management action. These items are discussed in meetings with the technical group and comments of the technical group will become a chapter of the GSP for review. He added that these elements of the GSA can be contentious, but he opined that good conclusions were reached in record time, due to the relationships of the GSA agencies. Vice-Chairperson Casillas mentioned that she has been participating in their own Technical Advisory Committee and stated that in relation to the BCGSA, she would anticipate actions to come after the GSPs completion and inquired as to the completeness of the document. Mr. Harris answered that Management Actions are in draft form and will be reviewed by the public and technical team. Cost estimates are just that, and items in the Management Actions are required data to report to the DWR, it's not discretionary.

Ms. Armstrong explained that the \$450,000 is broken into two portions. One is the Management Actions, which is estimated at \$250,000, and \$200,000 is for the drilling of the two monitoring wells that are currently in design. This effort will begin this fiscal year. Ms. Armstrong added that we haven't finalized the Management Actions, so the exact cost is not yet known. Chairman Rodriguez opined that this is not yet adopted and still fluid, but this is a manageable number based on discussions and we know the level of effort that teams are making to craft that list, are looking forward to seeing the list, and appreciate the hard work.

Ms. Armstrong continued to report that there is an increase in operating reserve of \$6,775 (25%) proposed for next year, which is higher than this year. The increase is needed to maintain 25% of operating reserve for next year. Proposed Member Contributions take into consideration the anticipation of grant reimbursement of about \$371,000, based on what we project to submit for the rest of the year. This submittal and reimbursement will bring us up to the entire \$1M grant amount. The Contribution Carryover of \$40,500 remains. We have not billed for this fiscal year Member Contribution but will do that next month. The \$40,500 will be the carryover for the amount after we bill, less expenses through June. Non-Operating Reserves are the opposite of Operating Reserves, we are decreasing reserve amount to maintain the 25% balance. Member Contributions are \$388,362, or \$129,454 per agency for the next fiscal year.

Chairman Rodriguez asked in regard to the Non- Operating Budget if this is new activity, unrelated to the GSP document or anticipated activities during the fiscal year. On the current schedule, the GSP is supposed to be done by September. Ms. Armstrong responded that once the GSP is completed, we are required to perform annual updates to the document itself and the Authority will need Stantec or another firm to do that. The funds are to cover that cost. Chairman Rodriguez also asked about the \$251,500 listed as GSP Development & Preparation. Ms. Armstrong explained that this is to compensate for Stantec and Todd Groundwater's time to complete the current GSP. Also answering Chairman Rodriguez about any anticipated further delays or unanticipated expenditures, Ms. Armstrong stated that this is the remaining budget and did project in spending it the

next fiscal year. There is a delay for when we pay compared to when the effort was done; and we are incurring anything invoiced through June and accrue invoices at the end of the year. Chairman Rodriguez commented that it is a large number to wrap this up, and he requested future formatting to show what was budgeted this year versus what is proposed. He also commented for purposes of clarity that the four year time frame projected for the future is not for our action today, which is specific to 2021/2022 only. He asked, about the \$371,000, if there is risk in receiving that level of grant reimbursement. Ms. Armstrong responded that it depends on how quickly we expend funds and how quickly the DWR processes our invoices. We were getting reimbursements regularly, but our representative from DWR is now on leave and new staff is assisting, but this is the amount we anticipate receiving. We are also assuming that the remaining amount will be received in 2021-22. Chairman Rodriguez commented that this is a good faith estimate based on what we know today.

ACTION: Vice-Chairperson Casillas made a motion, Director Williams seconded, to:

1. Approve proposed BCGSA FY 2021-22 Budget.

5. Administrator's Update

Mr. Harris reported that Geoscience has started their work for the monitoring well and two locations were picked out to fill data gaps, however, one location is too small for the drilling equipment. Alternative locations may be right of ways or the golf course. Babcock Laboratories are on target with our baseline water quality sampling, and a major milestone has been reached on the consensus of Management Actions and projects. Todd Groundwater is working on draft sections of the GSP, water budget, and modeling. In the next reporting period, we should be in construction of the monitoring wells and Babcock will have finished sampling. We also anticipate finishing most of chapters of the GSP and opening them for public review. Next, Mr. Harris explained the grant invoicing item, that local contribution is what we must spend, and he is anticipating construction and completion of GSP development will move us into grant funding within this period.

The schedule is about thirty days longer than the last report. Standing meetings with Todd Groundwater are to discuss hurdles, decisions on management actions was a key milestone and will continue to push schedule to meet the January regulatory deadline.

Chairman Rodriguez asked if completion of the monitoring well effects our ability to complete the GSP. Mr. Harris explained that the monitoring well is not a critical path. Although it is helpful, the Plan will be completed with or without it, and it is largely for future monitoring. In regard to the delays, he continued that the modeling is always challenging, although part of the delay is COVID related, the technical aspects regarding elevation data and land surface elevation work needed additional time.

6. Legal Counsel Report

Mr. O’Neil reported that some work was done regarding 700 forms and the Babcock Laboratories contract was reviewed.

He reported about a different GSA in the Indian Wells Valley near Ridgecrest, with the situation of a pumper not paying the assessment, resulting in a lawsuit. He will provide updates in the future. Mr. Harris added that the area is in critical overdraft and, in our case, we do not have that situation.

7. Comments of the Board

Chairman Rodriguez thanked everyone for their hard work.

8. Adjourn

There being no further business, the February 18, 2021 Special meeting of the Bedford-Coldwater Groundwater Sustainability Authority was adjourned at 3:50 p.m.

ATTEST:

APPROVED:

Jacque Casillas, Vice-Chairperson

Paul Rodriguez, Chairman

Date: _____

Date: _____



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: May 20, 2021

To: Board of Directors

From: General Manager

SUBJECT: FINANCIAL STATEMENT

RECOMMENDATION:

1. Receive and File March 31, 2021 Financial Statements and Cash Reserve Report

DISCUSSION:

Attached for review are the Financial Statements and Cash Reserve Report.

FISCAL IMPACT:

Not applicable.

ENVIRONMENTAL WORK STATUS:

Not applicable.

EXHIBITS/ATTACHMENTS:

(Unaudited) Statement of Revenues & Expenditures
Cash Reserve Report
(Unaudited) Statement of Net Position

Bedford Coldwater Groundwater Sustainability Authority
STATEMENT OF REVENUES & EXPENDITURES (Unaudited)
as of March 31, 2021

REVENUE	YTD Actual	FY Budget	% of Budget
Member Contributions	\$ -	\$ 367,225	0
Member Contributions Carry over	692,845	-	0
Grant Reimbursement	9,102	500,000	2
Interest Income	4,019	1,500	268
TOTAL REVENUE	705,966	868,725	81
OPERATING EXPENSES			
EVMWD - JPA Oversight/Management	8,000	12,000	67
Stantec -GSP Administrator	12,081	30,000	40
ACWA Dues	2,605	2,900	90
Legal Expenses	1,640	5,500	30
Insurance Premium	1,508	2,500	60
Bank Fees	804	2,500	32
Auditing Services	1,385	7,000	20
Groundwater Sampling	7,647	-	0
Website Domain & Software	-	1,500	0
Website Content Design & Maintenance	300	3,000	10
TOTAL OPERATING EXPENSES	35,970	66,900	54
GSP PREPARATION EXPENSES			
Stantec	39,570	30,000	132
Todd Groundwater	181,623	800,000	23
TOTAL GSP PREPARATION EXPENSES	221,192	830,000	27
TOTAL EXPENSES	257,162	896,900	29
TRANSFERS			
Transfer to/(from) Operating Reserves	(28,175)	(28,175)	100
TOTAL TRANSFERS	(28,175)	(28,175)	100
MEMBER CONTRIBUTION CARRY OVER	\$ 476,978	\$ -	-

Bedford Coldwater Groundwater Sustainability Authority
CASH RESERVE REPORT
as of March 31, 2021

OPERATING RESERVE

Operating Budget (FY 2021)	96,900
Operating Reserve Target	25%
TOTAL OPERATING RESERVE BALANCE	<u>24,225</u>

NON-OPERATING RESERVE

Non-Operating Budget (FY 2021)	800,000
Non-Operating Reserve Target	25%
TOTAL NON-OPERATING RESERVE BALANCE	<u>200,000</u>

TOTAL RESERVE BALANCE	<u><u>\$ 224,225</u></u>
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Bedford Coldwater Groundwater Sustainability Authority
STATEMENT OF NET POSITION (Unaudited)
As of March 31

ASSETS	<u>FY 2021</u>	<u>FY 2020</u>
<u>Current Assets:</u>		
Cash and Cash Equivalents	\$ 47,739	\$ 82,711
Investments	645,723	885,000
Accrued Interest Receivable	-	1,572
Work in Process	18,295	-
Total Assets	<u>711,756</u>	<u>969,283</u>
 <u>LIABILITIES & NET POSITION</u>		
<u>Current Liabilities:</u>		
Accounts Payable	10,553	24,038
Member Deposits	476,978	692,845
Total Liabilities	<u>487,531</u>	<u>716,883</u>
 <u>Net Position:</u>		
Restricted for:		
Operating Reserve	24,225	52,400
Non-Operating Reserve	200,000	200,000
Total Net Position	<u>224,225</u>	<u>252,400</u>
Total Liabilities & Net Position	<u>711,756</u>	<u>969,283</u>



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: May 20, 2021

To: Board of Directors

From: Deputy Treasurer

SUBJECT: RATIFICATION OF DEMANDS

RECOMMENDATION:

1. Ratify the demands listed on the Cash Disbursement Report for the period of February 1, 2021 through April 30, 2021.

DISCUSSION:

The Cash Disbursement Report for the period of February 1, 2021 through April 30, 2021 is attached for consideration for approval.

FISCAL IMPACT:

Not applicable.

ENVIRONMENTAL WORK STATUS:

Not applicable.

EXHIBITS/ATTACHMENTS:

Cash Disbursement Report



Print Date: 05/03/2021

AP Disbursement Report

Cash Disbursements for 02/01/2021 through 04/30/2021

Check or Reference #	Payment Date	Paid to Vendor	Payment Description	Pmt Type	Payment Amount
INTERIMS					
200	02/18/2021	ELSINORE VALLEY MWD	JANUARY 2021 ADMINISTRATIVE FEE	CHECK	1,000.00
201	02/18/2021	OLIVAREZ MADRUGA LEMIEUX ONEIL	LEGAL SERVICES	CHECK	140.00
202	02/18/2021	TODD GROUNDWATER	BEDFORD-COLDWATER GSP	CHECK	33,400.00
203	02/25/2021	GEOSCIENCE	MONITORING WELLS FOR BCGSA	CHECK	15,458.87
204	02/25/2021	STANTEC CONSULTING SERVICES	BCGSA ADMINISTRATOR	CHECK	10,496.65
205	03/25/2021	ELSINORE VALLEY MWD	FEBRUARY 2021 ADMINISTRATIVE FEE	CHECK	1,000.00
206	03/25/2021	GOLIATH GRAFFIX	DESIGN SERVICES	CHECK	250.00
207	03/25/2021	OLIVAREZ MADRUGA LEMIEUX ONEIL	LEGAL FEES	CHECK	200.00
208	03/25/2021	STANTEC CONSULTING SERVICES	BCGSA ADMINISTRATOR	CHECK	12,305.54
209	03/25/2021	TODD GROUNDWATER	BEDFORD-COLDWATER GSP	CHECK	28,593.75
210	04/08/2021	BABCOCK LABORATORIES INC	LAB TESTING	CHECK	7,647.00
211	04/08/2021	ELSINORE VALLEY MWD	MARCH 2021 ADMINSTRATIVE FEE	CHECK	1,000.00
212	04/08/2021	GOLIATH GRAFFIX	DESIGN SERVICES	CHECK	50.00
213	04/15/2021	GEOSCIENCE	MONITORING WELLS FOR BCGSA	CHECK	2,836.11
214	04/15/2021	TODD GROUNDWATER	BEDFORD-COLDWATER GSP	CHECK	26,303.75
215	04/22/2021	OLIVAREZ MADRUGA LEMIEUX ONEIL	LEGAL FEES	CHECK	20.00
216	04/22/2021	STANTEC CONSULTING SERVICES	BCGSA ADMINISTRATOR	CHECK	14,431.26
WIRE TRANSFERS					
1627925	02/16/2021	BANK OF AMERICA	BCGSA LAIF TO CKG	WIRE	81,000.00
1630349	04/01/2021	BANK OF AMERICA	BCGSA LAIF TO CKG	WIRE	38,000.00

Current Payments Issued: \$274,132.93

Reviewed By: 

Date: May 3, 2021



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: May 20, 2021

To: Board of Directors

From: General Manager

SUBJECT: BACK-UP INFORMATION FOR MAJOR CONTRACTS

RECOMMENDATION:

Informational only.

DISCUSSION:

Information is being provided for reference purposes.

FISCAL IMPACT:

Not applicable.

ENVIRONMENTAL WORK STATUS:

Not applicable.

EXHIBITS/ATTACHMENTS:

Back-up documentation for Major Contracts

Back-up Information for Major Contracts

Shown on Cash Disbursements for 2/01/2021 through 4/30/2021

<u>Check #</u>	<u>Payment Date</u>	<u>Paid to Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Payment Amount</u>
204	02/25/21	Stantec Consulting Svc, Inc.	1757035	02/22/21	10,496.65
208	03/25/21	Stantec Consulting Svc, Inc.	1767033	03/22/21	12,305.54
209	03/25/21	Todd Groundwater	80802321	03/08/21	28,593.75
214	04/15/21	Todd Groundwater	80802421	04/08/21	26,303.75
216	04/22/21	Stantec Consulting Svc, Inc.	1777163	04/15/21	14,431.26
Total Amount					\$92,130.95

STANTEC CONSULTING SERVICES, 13980 COLLECTIONS CENTER DRIVE, CHICAGO IL 60693, US

Invoice No.	Description	Date	Gross Amount	Discount Amount	Net Amount Paid
1723239A	BCGSA - ADMINISTRATOR	11/01/20	\$4,750.10	\$0.00	\$4,750.10
1723239B	BCGSA - ADMINISTRATOR	11/01/20	-\$4,750.10	\$0.00	-\$4,750.10
1757035	BCGSA - ADMINISTRATOR	02/01/21	\$10,496.65	\$0.00	\$10,496.65
TOTALS:			\$10,496.65	\$0.00	\$10,496.65

Detach at Perforation Before Depositing Check



BEDFORD COLDWATER
Groundwater Sustainability Authority
A PUBLIC AGENCY
31315 Chaney Street
Lake Elsinore, CA 92531

Bank of America
Inland Empire RCBO
P.O. Box 1072
Riverside, CA 92501
16-66 / 1220

Check Date
02/25/2021

Number
204

Amount
\$ ****10,496.65

PAY *VOID VOID VOID VOID VOID VOID VOID VOID*

PAY TO THE ORDER OF
STANTEC CONSULTING SERVICES
13980 COLLECTIONS CENTER DRIVE
CHICAGO IL 60693
US

NON-NEGOTIABLE



INVOICE

RECEIVED

FEB 22 2021

Finance Dept.

Invoice Number 1757035
 Invoice Date February 22, 2021
 Customer Number 147409
 Project Number 185865160

Bill To

BedfordColdwater Groudwater Sustainability Authority
 Accounts Payable
 31315 Chaney St
 Lake Elsinore CA 92531
 United States

Please Remit To

Stantec Consulting Services Inc. (SCSI)
 13980 Collections Center Drive
 Chicago IL 60693
 United States
 Federal Tax ID
 11-2167170

Project Description: Bedford Coldwater GW Sustainability Authority - Administrator

Stantec Project Manager: Lapus, Kevin A
 Contract No: 525
 Authorization Amount: \$401,659.32
 Authorization Previously Billed: \$228,748.68
 Authorization Billed to Date: \$239,245.33 * 234,495.55
 Current Invoice Due: \$10,496.65
 Period Starting Date: January 2, 2021
 For Period Ending: February 1, 2021

Attention : Margie Armstrong
 Title: Deputy Treasurer

51-15-310-110-53140-BCGSP \$ 9,122.00
 51-15-310-110-53140 1,374.65
 Total \$10,496.65 3.0

VOUCHER# 51-240
 VENDOR# 21 P005
 PAY DATE: 21

FEB 25 - MAR 11 2021

Acct#
 Entered Date: 2-22-2021

ARMSTRONG
 APPROVED FOR PAYMENT
 Amt. _____ Date _____
 Acct. No. _____ SEE
 Initial _____ ATTACHED

* 2/22 E-MAILED MARGIE/JORGE DIFFERENCE \$4,749.78 - MISSING INVOICE?
 INV# 1723239 + 4750.10 NEED TO APPLY TO CONTRACT #525

Due upon receipt or in accordance with terms of the contract

INVOICE

Invoice Number
Project Number

1757035
185865160

Top Task 001 Grant Administration
Low Task 001.1 Grant Administration

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	20.75	104.00	2,158.00
	<u>20.75</u>		<u>2,158.00</u>
Professional Services Subtotal	<u>20.75</u>		<u>2,158.00</u>

Disbursements

	Date	Cost	%	Current Amount
Flat Rate Disbursement 8% of 2,158.00	2021-02-01			172.64
Disbursements Subtotal				<u>172.64</u>

Low Task 001.1 Subtotal **2,330.64**

Top Task 001 Total **2,330.64**

Top Task 002 Planning Activities
Low Task 002.1 Project Management

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	4.50	104.00	468.00
	<u>4.50</u>		<u>468.00</u>
Senior Project Accountant MacDonnell, Colleen	0.40	89.00	35.60

INVOICE

Invoice Number

1757035

Project Number

185865160

	<u>0.40</u>	<u>35.60</u>
Professional Services Subtotal	<u>4.90</u>	<u>503.60</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA17	2021-02-01	525.00	0.00	525.00
Flat Rate Disbursement 8% of 503.60	2021-02-01			40.29
Disbursements Subtotal				<u>565.29</u>

Low Task 002.1 Subtotal **1,068.89**

Low Task 002.8 Subcontractor Management

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	<u>1.50</u>	104.00	<u>156.00</u>
	1.50		156.00
Professional Services Subtotal	<u>1.50</u>		<u>156.00</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA17	2021-02-01	400.00	0.00	400.00
Flat Rate Disbursement 8% of 156.00	2021-02-01			12.48
Disbursements Subtotal				<u>412.48</u>

INVOICE

Invoice Number
Project Number

1757035
185865160

Low Task 002.8 Subtotal **568.48**

Low Task 002.9 **GSP Governance Sections**

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	14.50	104.00	1,508.00
	<u>14.50</u>		<u>1,508.00</u>
Professional Services Subtotal	<u>14.50</u>		<u>1,508.00</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA17	2021-02-01	4,900.00	0.00	4,900.00
Flat Rate Disbursement 8% of 1,508.00	2021-02-01			120.64
Disbursements Subtotal				<u>5,020.64</u>

Low Task 002.9 Subtotal **6,528.64**

Top Task 002 Total **8,166.01**

Total Fees & Disbursements \$10,496.65

INVOICE TOTAL (USD) **10,496.65**



Stantec Consulting Services, Inc.
Stantec.Accounts.Payable.Invoices@Stantec.com

Remit to: H & H Water Resources, LLC
1446 Highland Ave.
Glendale, CA 91202

For Professional Services Rendered during the Period of 1/01/2021 to 1/31/2021

Invoice Number: STBCGSA-17

Date: 2/1/2021

Stantec Project No: 185865160

Authorization No: S20182-N

Project Name: Bedford Coldwater Groundwater Sustainability Authority-Administrator

Client: Stantec

<u>Billing Level</u>	<u>Name</u>	<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
Principal	Harris, Victor	\$200.00	28.5	\$5,700.00
Project Administrator	Howell, Belinda	\$125.00	1.0	\$125.00
			Labor Total	\$5,825.00
			Invoice Total	\$5,825.00

Total Authorized Amount: \$114,900.00

Billed this Invoice: \$5,825.00

Total Invoiced to Date: \$37,463.45

Amt. Remaining: \$77,436.55

% Complete: 33%

% of Authorized Amount Invoiced to Date: 33%

Date	Project	Task	Name	Hours	Rate	Amount	Description of Work Performed
01/12/21	185865160	2.1	Harris, Victor	1.0	\$ 200	\$ 200.00	Review monthly agenda with Todd Groundwater, then again with Margie and Parag and Kelly.
01/20/21	185865160	2.1	Harris, Victor	1.0	\$ 200	\$ 200.00	Review required items for annual reports and 5-year updates. Revise FY budget accordingly and transmit to EVMWD.
01/04/21	185865160	2.1	Howell, Belinda	0.8	\$ 125	\$ 100.00	project and document support
01/05/21	185865160	2.1	Howell, Belinda	0.2	\$ 125	\$ 25.00	project and document support
		2.1 Total				\$ 525.00	
01/08/21	185865160	2.8	Harris, Victor	0.5	\$ 200	\$ 100.00	Correspond with Terry Watkins regarding discharge location at MW-1 on Elsinore's property.
01/12/21	185865160	2.8	Harris, Victor	1.0	\$ 200	\$ 200.00	Discuss management actions slide presentation with Chad Taylor and Maureen Reilly of Todd. Modify slides based on comments.
01/13/21	185865160	2.8	Harris, Victor	0.5	\$ 200	\$ 100.00	E-mail and call Corona and TVWD regarding missing data for Todd Groundwater
		2.8 Total				\$ 400.00	
01/04/21	185865160	2.9	Harris, Victor	4.5	\$ 200	\$ 900.00	Review and summarize sustainability criteria, develop draft management actions and project concepts.
01/11/21	185865160	2.9	Harris, Victor	4.5	\$ 200	\$ 900.00	Summarize sustainability criteria in tabular form. Develop ppt presentation for management actions.
01/14/21	185865160	2.9	Harris, Victor	1.0	\$ 200	\$ 200.00	Monthly coordination meeting with Todd Groundwater regarding projects and management actions.
01/15/21	185865160	2.9	Harris, Victor	1.5	\$ 200	\$ 300.00	Review and organize groundwater data from TVWD.
01/17/21	185865160	2.9	Harris, Victor	3.5	\$ 200	\$ 700.00	Complete review of TVWD water level data, develop presentation for BCGSA workshop.
01/18/21	185865160	2.9	Harris, Victor	1.0	\$ 200	\$ 200.00	Finalize presentation on management actions and projects; transmit to Todd Groundwater.
01/21/21	185865160	2.9	Harris, Victor	2.0	\$ 200	\$ 400.00	Revise slides based on comments from Todd Groundwater. Facilitate meeting with group on management actions and projects. Review and comment of meeting summary.
01/24/21	185865160	2.9	Harris, Victor	1.0	\$ 200	\$ 200.00	Begin review of Geoscience specifications. Send files with instructions to BCGSA agencies.
01/29/21	185865160	2.9	Harris, Victor	3.5	\$ 200	\$ 700.00	Review Geoscience plans, specifications, and bid documents. Develop comments and transmit. Telecon with Terry and Parag re: MW-1.
01/30/21	185865160	2.9	Harris, Victor	2.0	\$ 200	\$ 400.00	Review maps and Google Earth and street view to find new sites for MW-1. Develop map and transmit to team. Send water quality analytes to Geoscience.
		2.9 Total				\$ 4,900.00	
		Grand Total				\$ 5,825.00	

Billing Backup for Stantec Invoice Number:

STBCGSA-17

Billing Backup

Date	Project	Task	Expnd Type	Employee/Supplier	Quantity	Bill Rate	Bill Amount
2021-01-04	185865160	1.1	Direct - Regular	Shugart, Kelly K	1.00	104.00	104.00
2021-01-05	185865160	1.1	Direct - Regular	Shugart, Kelly K	1.00	104.00	104.00
2021-01-06	185865160	1.1	Direct - Regular	Shugart, Kelly K	1.00	104.00	104.00
2021-01-14	185865160	1.1	Direct - Regular	Shugart, Kelly K	0.75	104.00	78.00
2021-01-21	185865160	1.1	Direct - Regular	Shugart, Kelly K	2.50	104.00	260.00
2021-01-22	185865160	1.1	Direct - Regular	Shugart, Kelly K	6.50	104.00	676.00
2021-01-25	185865160	1.1	Direct - Regular	Shugart, Kelly K	3.50	104.00	364.00
2021-01-26	185865160	1.1	Direct - Regular	Shugart, Kelly K	2.00	104.00	208.00
2021-01-27	185865160	1.1	Direct - Regular	Shugart, Kelly K	2.50	104.00	260.00
Total subTask 1.1					20.75		\$2,168.00
2021-01-07	185865160	2.1	Direct - Regular	MacDonnell, Colleen	0.40	89.00	35.60
2021-01-05	185865160	2.1	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
2021-01-12	185865160	2.1	Direct - Regular	Shugart, Kelly K	0.75	104.00	78.00
2021-01-14	185865160	2.1	Direct - Regular	Shugart, Kelly K	1.75	104.00	182.00
2021-01-15	185865160	2.1	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
2021-01-19	185865160	2.1	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
2021-01-27	185865160	2.1	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
Total subTask 2.1					4.90		\$503.60
2021-01-04	185865160	2.8	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
2021-01-12	185865160	2.8	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
2021-01-15	185865160	2.8	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
Total subTask 2.8					1.50		\$156.00
2021-01-11	185865160	2.9	Direct - Regular	Shugart, Kelly K	1.00	104.00	104.00
2021-01-14	185865160	2.9	Direct - Regular	Shugart, Kelly K	2.00	104.00	208.00
2021-01-19	185865160	2.9	Direct - Regular	Shugart, Kelly K	2.00	104.00	208.00
2021-01-21	185865160	2.9	Direct - Regular	Shugart, Kelly K	1.50	104.00	156.00
2021-01-27	185865160	2.9	Direct - Regular	Shugart, Kelly K	3.00	104.00	312.00
2021-01-29	185865160	2.9	Direct - Regular	Shugart, Kelly K	5.00	104.00	520.00
Total subTask 2.9					14.50		\$1,508.00
Total Project 185865160					41.65		\$4,325.60

Services Performed During the Invoice Period of (1/2/2021-2/1/2021)

Staff	1. Grant Administration	2. Planning Activities									Staff Totals	
	1.1 Grant Administration	2.1 Project Management	2.2 Monthly Conference Calls (plus 2 extra)	2.3 Meetings at TVWD	2.4 GSA Web Site (monthly maintenance)	2.5 SharePoint Site (monthly maintenance)	2.6 Outreach Activities	2.7 RFP Development	2.8 Subcontractor Management	2.9 GSP Governance Sections		
Victor Harris		2								2	24.5	28.5
Kelly Shugart	20.75	4.5								1.5	14.5	41.25
Colleen MacDonnell		0.4										0.4
Belinda Howell		1										1
Task Totals	20.75	7.9	0	0	0	0	0	0	0	3.5	39	71.15

The Following Services Were Performed During the Performance Period of (1/2/2021-2/1/2021)

During this period, the following activities were completed during this invoice period for As-Needed Services for the GSA:

Task 1.1

- Address comments to revise Q3 2020 grant packet and upload v2 to DWR
- Prepare Q4 2020 grant packet and submit for upload to DWR

Task 2.1

- Pre-meeting call to discuss monthly agenda (1/12/21)
- Revise FY budget and transmit to EVMWD
- Doodle poll and scheduling for technical workshop
- Monthly financial accounting and reporting

Task 2.8

- Call with Todd (1/12/21) to discuss management action slides and approach, revise slides
- Call with Todd (1/15/21) to review management actions after Staff call
- Call with Geoscience (1/8/21) to discuss discharge location at MW-1 on EVMWD property
- Coordinate with Corona and TVWD regarding missing data for Todd GW

Task 2.9

- Prepare agenda, meeting summary, and attend teleconference regarding projects and management actions (1/14/21)
- Review and organize groundwater data from TVWD
- Review and summarize sustainability criteria, develop draft management actions and project concepts
- Transfer sustainability criteria to tabular form and develop ppt slides for management actions
- Complete review of TVWD water level data and develop ppt slides for technical workshop
- Finalize ppt on management actions and projects and transmit to Todd for review
- Revise ppt based on comments from Todd
- Technical workshop and meeting summary to discuss projects and management actions (1/21/21)
- Prepare projects and management action tables to include in GSP chapter
- Review of Geoscience plans and well specifications
- Call with Geoscience and EVMWD (1/29/21) to discuss MW-1 site feasibility
- Review maps and GoogleEarth to research new sites for MW-1, develop map of possible sites
- Subcontractor management and coordination

STANTEC CONSULTING SERVICES, 13980 COLLECTIONS CENTER DRIVE, CHICAGO IL 60693, US

Invoice No.	Description	Date	Gross Amount	Discount Amount	Net Amount Paid
1767033	BCGSA - ADMINISTRATOR	03/01/21	\$12,305.54	\$0.00	\$12,305.54
TOTALS:			\$12,305.54	\$0.00	\$12,305.54

Detach at Perforation Before Depositing Check



BEDFORD COLDWATER
Groundwater Sustainability Authority
A PUBLIC AGENCY
31315 Chaney Street
Lake Elsinore, CA 92531

Bank of America
Inland Empire RCBO
P.O. Box 1072
Riverside, CA 92501
16-66 / 1220

Check Date
03/25/2021

Number
208

Amount
\$ ****12,305.54

PAY *VOID VOID VOID VOID VOID VOID VOID VOID*

PAY TO THE ORDER OF
STANTEC CONSULTING SERVICES
13980 COLLECTIONS CENTER DRIVE
CHICAGO IL 60693
US

NON-NEGOTIABLE



INVOICE

Invoice Number 1767033
 Invoice Date March 22, 2021
 Customer Number 147409
 Project Number 185865160

RECEIVED

MAR 23 2021

Bill To

BedfordColdwater Groudwater Sustainability Authority
 Accounts Payable
 31315 Chaney St
 Lake Elsinore CA 92531
 United States

Please Remit To Finance Dept.

Stantec Consulting Services Inc. (SCSI)
 13980 Collections Center Drive
 Chicago IL 60693
 United States
 Federal Tax ID
 11-2167170

Project Description: Bedford Coldwater GW Sustainability Authority - Administrator

Stantec Project Manager:

Lapus, Kevin A

Contract No:

525

Authorization Amount:

\$401,659.32

Authorization Previously Billed:

\$239,245.33

Authorization Billed to Date:

\$251,550.87

Current Invoice Due:

\$12,305.54 30

Period Starting Date:

February 2, 2021

For Period Ending:

March 1, 2021

Attention :

Margie Armstrong

Title:

Deputy Treasurer

51-15-310-110-53140-BCGSP \$10,726.00

51-15-310-110-53140 1,579.54

Total \$12,305.54

VOUCHER# 51-247
 VENDOR#
 PAY DATE: 21 P005

MAR 25 - APR 8 2021

RECLASSIFIED
 Acct#
 Entered Date: 3-23-2021

ARMSTRONG APPROVED FOR PAYMENT

Amt. _____ Date _____

Acct. No. _____ Initial _____ ATTACHED EMAIL

Due upon receipt or in accordance with terms of the contract

INVOICE

Invoice Number
Project Number

1767033
185865160

Top Task 001 Grant Administration

Low Task 001.1 Grant Administration

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	4.00	104.00	416.00
	<u>4.00</u>		<u>416.00</u>
Professional Services Subtotal	<u>4.00</u>		<u>416.00</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA 18	2021-03-01	100.00	0.00	100.00
Flat Rate Disbursement 8% of 416.00	2021-03-01			33.28
Disbursements Subtotal				<u>133.28</u>

Low Task 001.1 Subtotal **549.28**

Top Task 001 Total **549.28**

Top Task 002 Planning Activities

Low Task 002.1 Project Management

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	3.50	104.00	364.00

INVOICE

Invoice Number
Project Number

1767033
185865160

	<u>3.50</u>		<u>364.00</u>
Senior Project Accountant MacDonnell, Colleen	0.30	89.00	26.70
	<u>0.30</u>		<u>26.70</u>
Professional Services Subtotal	<u>3.80</u>		<u>390.70</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA 18	2021-03-01	537.50	0.00	537.50
Flat Rate Disbursement 8% of 390.70	2021-03-01			31.26
Disbursements Subtotal				<u>568.76</u>

Low Task 002.1 Subtotal **959.46**

Low Task 002.3 **TVWD Meetings**

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	1.00	104.00	104.00
	<u>1.00</u>		<u>104.00</u>
Professional Services Subtotal	<u>1.00</u>		<u>104.00</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA 18	2021-03-01	400.00	0.00	400.00
Flat Rate Disbursement 8% of 104.00	2021-03-01			8.32

INVOICE

Invoice Number
Project Number

1767033
185865160

Disbursements Subtotal 408.32

Low Task 002.3 Subtotal **512.32**

Low Task 002.8 **Subcontractor Management**

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	0.50	104.00	52.00
	<u>0.50</u>		<u>52.00</u>
Professional Services Subtotal	<u>0.50</u>		<u>52.00</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA 18	2021-03-01	400.00	0.00	400.00
Flat Rate Disbursement 8% of 52.00	2021-03-01			4.16
Disbursements Subtotal				<u><u>404.16</u></u>

Low Task 002.8 Subtotal **456.16**

Low Task 002.9 **GSP Governance Sections**

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	51.00	104.00	5,304.00
	<u>51.00</u>		<u>5,304.00</u>

INVOICE

Invoice Number
Project Number

1767033
185865160

Professional Services Subtotal

51.00

5,304.00

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA 18	2021-03-01	4,100.00	0.00	4,100.00
Flat Rate Disbursement 8% of 5,304.00	2021-03-01			424.32

Disbursements Subtotal

4,524.32

Low Task 002.9 Subtotal

9,828.32

Top Task 002 Total

11,756.26

Total Fees & Disbursements

\$12,305.54

INVOICE TOTAL (USD)

12,305.54



Stantec Consulting Services, Inc.
Stantec.Accounts.Payable.Invoices@Stantec.com

Remit to: H & H Water Resources, LLC
1446 Highland Ave.
Glendale, CA 91202

For Professional Services Rendered during the Period of 2/01/2021 to 2/28/2021

Invoice Number: STBCGSA-18
 Date: 3/1/2021
 Stantec Project No: 185865160
 Authorization No: S20182-N
 Project Name: Bedford Coldwater Groundwater Sustainability Authority-Administrator
 Client: Stantec

<u>Billing Level</u>	<u>Name</u>	<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
Principal	Harris, Victor	\$200.00	27.0	\$5,400.00
Project Administrator	Howell, Belinda	\$125.00	1.1	\$137.50
Labor Total			28.1	\$5,537.50
Invoice Total				\$5,537.50

Total Authorized Amount: \$114,900.00
 Billed this Invoice: \$5,537.50
 Total Invoiced to Date: \$43,000.95
 Amt. Remaining: \$71,899.05
 % Complete: 37%
 % of Authorized Amount Invoiced to Date: 37%

Date	Project	Task	Name	Hours	Rate	Amount	Description of Work Performed
02/12/21	185865160	1.1	Harris, Victor	0.5	\$ 200	\$ 100.00	Review grant deadlines and need for rebudgeting with Jorge Chavez and Margie Armstrong of EVMWD
		1.1 Total		0.5		\$ 100.00	
02/09/21	185865160	2.1	Harris, Victor	2.0	\$ 200	\$ 400.00	Review agenda, ppt, and MA tables for group meeting with EVMWD. Revise MA tables per discussion.
02/08/21	185865160	2.1	Howell, Belinda	0.8	\$ 125	\$ 100.00	project and document support
02/09/21	185865160	2.1	Howell, Belinda	0.3	\$ 125	\$ 37.50	project and document support
		2.1 Total		3.1		\$ 537.50	
02/18/21	185865160	2.3	Harris, Victor	2.0	\$ 200	\$ 400.00	Prepare for (administrator update, management action and budget items) and participate in quarterly BCGSA Board meeting
		2.3 Total		2.0		\$ 400.00	
02/11/21	185865160	2.8	Harris, Victor	0.5	\$ 200	\$ 100.00	Review invoices from Todd Groundwater and Geoscience. Write to Helix and Geoscience regarding apparent invoice discrepancies.
02/12/21	185865160	2.8	Harris, Victor	1.0	\$ 200	\$ 200.00	Standing call with Todd Groundwater to discuss GSP progress and management actions.
02/18/21	185865160	2.8	Harris, Victor	0.5	\$ 200	\$ 100.00	Correspond with Geoscience about correction of first and second invoices. Review final invoices and transmit to EVMWD.
		2.8 Total		2.0		\$ 400.00	
02/04/21	185865160	2.9	Harris, Victor	0.5	\$ 200	\$ 100.00	Begin review of new well drilling sites based on data from EVMWD.
02/05/21	185865160	2.9	Harris, Victor	1.0	\$ 200	\$ 200.00	Review property spreadsheets and shape files to find new drilling site. Discuss with Shugart. Email to EVMWD with options.
02/06/21	185865160	2.9	Harris, Victor	2.0	\$ 200	\$ 400.00	Begin development of management action details
02/07/21	185865160	2.9	Harris, Victor	2.5	\$ 200	\$ 500.00	Continue development of management action projects details with instructions for group to review
02/08/21	185865160	2.9	Harris, Victor	3.5	\$ 200	\$ 700.00	Telecon with Geoscience, Todd, and EVMWD regarding new MW-1 location. Review entire area with Google streets and earth for new location. Develop ppt for presentation.
02/10/21	185865160	2.9	Harris, Victor	1.5	\$ 200	\$ 300.00	Develop location photos and ppt for new well location possibilities. Develop site photos for SCE and contact Riv, Co. permitting and SCE
02/10/21	185865160	2.9	Harris, Victor	1.0	\$ 200	\$ 200.00	Finalize management action worksheet for presentation to the group in monthly meeting
02/19/21	185865160	2.9	Harris, Victor	2.5	\$ 200	\$ 500.00	Begin review and detailed comment of sustainability chapter developed by Todd Groundwater
02/21/21	185865160	2.9	Harris, Victor	2.0	\$ 200	\$ 400.00	Continued review of Todd Groundwater's sustainability criteria chapter.
02/22/21	185865160	2.9	Harris, Victor	3.5	\$ 200	\$ 700.00	comment to Todd. Review memo regarding 50-year simulation and provide comment. Discuss future model simulations with Chad Taylor of Todd Groundwater and review mining permits.
02/22/21	185865160	2.9	Harris, Victor	0.5	\$ 200	\$ 100.00	Review comments and questions from City of Corona regarding management actions detail and provide response.
		2.9 Total		20.5		\$ 4,100.00	
		Grand Total		28.1		\$ 5,537.50	

Billing Backup for Stantec Invoice Number:

STBCGSA-18

Billing Backup

Date	Project	Task	Expnd Type	Employee/Supplier	Quantity	Bill Rate	Bill Amount
2021-02-22	185865160	1.1	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00
2021-02-23	185865160	1.1	Direct - Regular	SHUGART, KELLY K	3.00	104.00	312.00
Total subTask 1.1					4.00		\$416.00
2021-02-11	185865160	2.1	Direct - Regular	MACDONNELL, COLLEEN	0.30	89.00	26.70
2021-02-09	185865160	2.1	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00
2021-02-12	185865160	2.1	Direct - Regular	SHUGART, KELLY K	1.50	104.00	156.00
2021-02-22	185865160	2.1	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00
Total subTask 2.1					3.80		\$390.70
2021-02-09	185865160	2.3	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00
Total subTask 2.3					1.00		\$104.00
2021-02-12	185865160	2.8	Direct - Regular	SHUGART, KELLY K	0.50	104.00	52.00
Total subTask 2.8					0.50		\$52.00
2021-02-01	185865160	2.9	Direct - Regular	SHUGART, KELLY K	4.00	104.00	416.00
2021-02-02	185865160	2.9	Direct - Regular	SHUGART, KELLY K	4.00	104.00	416.00
2021-02-03	185865160	2.9	Direct - Regular	SHUGART, KELLY K	8.00	104.00	832.00
2021-02-04	185865160	2.9	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00
2021-02-05	185865160	2.9	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00
2021-02-08	185865160	2.9	Direct - Regular	SHUGART, KELLY K	2.50	104.00	260.00
2021-02-09	185865160	2.9	Direct - Regular	SHUGART, KELLY K	2.00	104.00	208.00
2021-02-10	185865160	2.9	Direct - Regular	SHUGART, KELLY K	0.50	104.00	52.00
2021-02-11	185865160	2.9	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00
2021-02-12	185865160	2.9	Direct - Regular	SHUGART, KELLY K	3.00	104.00	312.00
2021-02-16	185865160	2.9	Direct - Regular	SHUGART, KELLY K	8.00	104.00	832.00
2021-02-19	185865160	2.9	Direct - Regular	SHUGART, KELLY K	7.00	104.00	728.00
2021-02-22	185865160	2.9	Direct - Regular	SHUGART, KELLY K	2.00	104.00	208.00
2021-02-23	185865160	2.9	Direct - Regular	SHUGART, KELLY K	3.00	104.00	312.00
2021-02-24	185865160	2.9	Direct - Regular	SHUGART, KELLY K	2.00	104.00	208.00
2021-02-26	185865160	2.9	Direct - Regular	SHUGART, KELLY K	2.00	104.00	208.00
Total subTask 2.9					51.00		\$5,304.00
Total Project 185865160					60.30		\$6,266.70

Services Performed During the Invoice Period of (2/2/2021-3/1/2021)

Staff	1. Grant Administration	2. Planning Activities									Staff Totals	
	1.1 Grant Administration	2.1 Project Management	2.2 Monthly Conference Calls (plus 2 extra)	2.3 Meetings at TVWD	2.4 GSA Web Site (monthly maintenance)	2.5 SharePoint Site (monthly maintenance)	2.6 Outreach Activities	2.7 RFP Development	2.8 Subcontractor Management	2.9 GSP Governance Sections		
Victor Harris	0.5	2		2						2	20.5	27
Kelly Shugart	4	3.5			1					0.5	51	60
Colleen MacDonnell		0.3										0.3
Belinda Howell		1.1										1.1
Task Totals	4.5	6.9	0	3	0	0	0	0	0	2.5	71.5	88.4

The Following Services Were Performed During the Performance Period of (2/2/2021-3/1/2021)

During this period, the following activities were completed during this invoice period for As-Needed Services for the GSA:

- Task 1.1
 - Address comments to revise Q4 2020 grant packet and upload v2 to DWR
 - Review grant deadlines and discuss rebudgeting
- Task 2.1
 - Pre-meeting call to discuss monthly agenda (2/9/21)
 - Discuss planning and scheduling
 - Monthly financial accounting and reporting
- Task 2.3
 - Develop and transmit Board packet and budget
 - Attendance at and preparation for one JPA Board meeting (2/18/2021)
- Task 2.8
 - Call with Todd (2/12/21) to discuss management actions and GSP progress
 - Subcontractor management and coordination
- Task 2.9
 - Research land ownership and jurisdictions for new monitoring well locations
 - Begin review of new well drilling sites based on data from EVMWD
 - Review property spreadsheets and shape files for potential new well sites
 - Continue to develop and revision of projects and management action tables to include in GSP chapter
 - Detailed review of draft sustainability criteria GSP chapter and provide comments to Todd
 - Develop and finalize new management action and project details to present to Staff
 - Develop draft introduction GSP chapter
 - Prepare draft plan implementation GSP chapter
 - Develop ppt and location photos for new well location options
 - Prepare agenda, meeting summary, and attend monthly teleconference (2/11/2021)
 - Review memo regarding 50-year simulation and provide comments to Todd
 - Review and respond to comments and questions from Corona regarding management action details

TODD GROUNDWATER, 2490 MARINER SQUARE LOOP, SUITE 215, ALAMEDA CA 94501, US

Invoice No.	Description	Date	Gross Amount	Discount Amount	Net Amount Paid
80802321	BEDFORD COLDWATER GSP	03/08/21	\$28,593.75	\$0.00	\$28,593.75
TOTALS:			\$28,593.75	\$0.00	\$28,593.75

Detach at Perforation Before Depositing Check



BEDFORD COLDWATER
Groundwater Sustainability Authority
A PUBLIC AGENCY
31315 Chaney Street
Lake Elsinore, CA 92531

Bank of America
Inland Empire RCBO
P.O. Box 1072
Riverside, CA 92501
16-86 / 1220

Check Date
03/25/2021

Number
209

Amount
\$ ****28,593.75

PAY *VOID VOID VOID VOID VOID VOID VOID VOID*

PAY TO THE ORDER OF
TODD GROUNDWATER
2490 MARINER SQUARE LOOP
SUITE 215
ALAMEDA CA 94501
US

NON-NEGOTIABLE



GROUNDWATER

2490 Mariner Square Loop, Suite 215
Alameda, CA 94501
510/747-6920 Federal ID# 94-2490748

RECEIVED

MAR 17 2021

Finance Dept.

Invoice

DATE
3/8/2021

INVOICE NO.
80802 321

BILL TO:

Bedford-Coldwater Groundwater Agency
Attn: Margie Armstrong
31315 Chaney Street
Lake Elsinore, CA 92530

Project No: 80802- Bedford-Coldwater GSP

DESCRIPTION	HOURS	RATE	AMOUNT
Professional Services in connection with the preparation of the Groundwater Sustainability Plan for the Bedford-Coldwater Groundwater Basin			
Chad Taylor	30.75	245.00	7,533.75
Mike Maley	44	255.00	11,220.00
Gus Yates	27	255.00	6,885.00
Maureen Reilly	10.5	245.00	2,572.50
Professional Services Subtotal			28,211.25
Drafting, GIS & Support Services:			
Mike Wottrich	2.5	140.00	350.00
Administrative/Secretarial:			
Cynthia Obuchi	0.25	130.00	32.50

CONTRACT# 803

VOUCHER# 51-246
VENDOR#
PAY DATE: 8/5/2001

MAR 25 2021

Acct# 51-15-310-110 53140 BCGSP
Entered Date: 03/22/2021

ARMSTRONG
APPROVED FOR PAYMENT

Amt. _____ Date _____

Acct. No. SEE
Initial ARMSTRONG

Feb 1 - Feb 28

\$28,593.75 / 0

This invoice is now due and payable. Balances unpaid over 30 days accrue 1.5% interest per month. If payment for previous charges has been sent, please accept our thanks and disregard our reminder of previous unpaid charges.

Bedford Coldwater Basin Groundwater Sustainability Plan Budget Status Summary
 Budget Summary as of: February 28, 2021



Tasks	Technical Labor Totals		GIS / Graphics Costs	Admin Costs	Total	Description of Work
	hours	\$				
Task 1 Resolution of Recommended Field Work						
Invoice for work in August 2019	15.00	\$3,375.00	\$0.00	\$0.00	\$3,375.00	Data and information review and technical memorandum preparation (started 8/6/19)
Invoice for work in September 2019	13.25	\$3,246.25	\$0.00	\$0.00	\$3,246.25	Well siting recommendation review and technical memorandum preparation (ongoing throughout month)
Invoice for work in October 2019	15.00	\$3,375.00	\$0.00	\$0.00	\$3,375.00	Well siting recommendation review, technical memorandum preparation, and response to comments (ongoing throughout month)
Invoice for work in February 2020	12.50	\$3,062.50	\$0.00	\$0.00	\$3,062.50	Response to well siting recommendation comments and memo revisions, revised memo delivered 2/27/20
Invoice for work in April 2020	10.25	\$2,511.25	\$0.00	\$0.00	\$2,511.25	Discussion of additional comments from GSA on monitoring well location recommendations and preparation of additional maps and datasets showing expanded monitoring well location areas, transmitted 4/10/20.
Invoice for work in June 2020	9.75	\$2,388.75	\$280.00	\$0.00	\$2,668.75	Development of additional data for review and identification of existing wells to sample and equip with transducers, and discussion of monitoring well locations, water quality sampling, and transducer installation with GSA.
Invoice for work in July 2020	2.50	\$612.50	\$0.00	\$0.00	\$612.50	Continues discussion of new monitoring well locations, existing wells to sample, and existing wells to equip with transducers with GSA and GSA manager.
Invoice for work in February 2021	5.75	\$1,408.75	\$0.00	\$0.00	\$1,408.75	Assistance with reviewing alternative monitoring well locations and discussions with well design consultant
Task 1 Budget	84.00	\$18,430	\$1,400	\$260	\$20,090	
Task 1 Expenditures	84.00	\$19,980.00	\$280.00	\$0.00	\$20,260.00	
Task 1 Remaining	0.00	-\$1,550.00	\$1,120.00	\$260.00	-\$170.00	
Task 2 Groundwater Modeling						
Invoice for work in September 2019	10.75	\$2,630.00	\$0.00	\$0.00	\$2,630.00	Data review, model options discussions, and model strategy development (started 9/11/19)
Invoice for work in October 2019	38.00	\$9,655.00	\$0.00	\$0.00	\$9,655.00	Data review and model strategy technical memorandum preparation (ongoing throughout month)
Invoice for work in November 2019	24.50	\$6,097.50	\$0.00	\$0.00	\$6,097.50	Model strategy technical memorandum preparation and draft delivery 11/26/2019
Invoice for work in February 2020	12.00	\$3,050.00	\$0.00	\$0.00	\$3,050.00	Model strategy comment review and model data development, integrating comments into modeling strategy and planning for model construction (ongoing throughout month)
Invoice for work in March 2020	17.75	\$4,476.25	\$0.00	\$0.00	\$4,476.25	Recharge data assessment and quantification for model construction (started 3/1/20)
Invoice for work in April 2020	69.00	\$17,535.00	\$0.00	\$0.00	\$17,535.00	Finalization of model strategy memorandum and responses to comments (delivered 4/16/20), model grid development and refinement, initial model layering, recharge analysis, and other model construction tasks (ongoing throughout month).
Invoice for work in May 2020	86.75	\$21,981.25	\$0.00	\$0.00	\$21,981.25	Ongoing model construction including continuing layering, developing recharge inputs, analyzing pumping and other outflows, assessing impacts from mining, and developing calibration datasets (ongoing throughout month)
Invoice for work in June 2020	48.25	\$11,798.75	\$0.00	\$0.00	\$11,798.75	Ongoing model construction including continuing layering, developing recharge inputs, analyzing pumping and other outflows, assessing impacts from mining, and developing calibration datasets (ongoing throughout month)
Invoice for work in July 2020	64.00	\$13,735.00	\$0.00	\$0.00	\$13,735.00	Ongoing model construction including developing recharge inputs, analyzing pumping and other outflows, developing calibration datasets, and assessing future water demands (ongoing throughout month)
Invoice for work in August 2020	23.50	\$4,896.25	\$70.00	\$0.00	\$4,966.25	Ongoing model construction including developing recharge inputs, analyzing pumping and other outflows, developing calibration datasets, and assessing future water demands (ongoing throughout month)
Invoice for work in September 2020	22.25	\$4,605.00	\$0.00	\$0.00	\$4,605.00	Ongoing model construction including contuing recharge input development, analyzing outflows, and assessing future water demands (ongoing throughout month)
Invoice for work in October 2020	54.00	\$13,770.00	\$0.00	\$0.00	\$13,770.00	Ongoing model construction including contuing recharge input development, establishing model geometry and initial parameterization, analyzing outflows, and preparing for calibration(ongoing throughout month)
Invoice for work in November 2020	107.50	\$27,387.50	\$0.00	\$0.00	\$27,387.50	Ongoing model construction including contuing recharge input development, refining model geometry and parameterization, analyzing outflows, and starting calibration(ongoing throughout month)
Invoice for work in December 2020	40.00	\$10,200.00	\$0.00	\$0.00	\$10,200.00	Ongoing model construction including recharge input revisions, refining model parameterization, analyzing outflows, and continuing calibration(ongoing throughout month)
Invoice for work in January 2021	99.25	\$25,221.25	\$0.00	\$0.00	\$25,221.25	Ongoing model refinement, finalizing recharge inputs and hydrology model datasets, calibration to refine parameterization, and analyzing model output (ongoing throughout month)
Invoice for work in February 2021	85.00	\$21,535.00	\$0.00	\$0.00	\$21,535.00	Ongoing model refinement, calibration to refine parameterization, analyzing model output, and refinement to address water budget questions (ongoing throughout month)
Task 2 Budget	1,628.00	\$372,235	\$4,200	\$520	\$376,955	
Task 2 Expenditures	802.50	\$198,573.75	\$70.00	\$0.00	\$198,643.75	
Task 2 Remaining	825.50	\$173,661.25	\$4,130.00	\$520.00	\$178,311.25	
Task 3 Prepare Draft GSP						
Invoice for work in August 2019	40.25	\$8,331.25	\$0.00	\$32.50	\$8,363.75	GSP preparation planning, initial preparation of GSP chapters - Plan Area (started 8/16/19) and Hydrogeologic Conceptual Model (started 8/27/19)
Invoice for work in September 2019	53.50	\$12,852.50	\$140.00	\$32.50	\$13,025.00	Draft Plan Area GSP chapter (Chapter 2) preparation and transmittal to BCGSA 9/25/19 and work on HCM, specifically reviewing data for topography, soils, surficial geology, basin depth, and water levels and quality (ongoing throughout month)
Invoice for work in October 2019	49.25	\$10,566.25	\$0.00	\$0.00	\$10,566.25	Work on HCM chapter (ongoing throughout month, creating topography, soil, and geology maps and drafts of related chapter sections) and beginning work on Groundwater Conditions draft chapter (started 10/5/19)
Invoice for work in November 2019	72.00	\$14,040.00	\$0.00	\$0.00	\$14,040.00	Work on HCM and Groundwater Conditions draft chapters, specifically finalizing topography, soil, and geology figures, starting work on cross sections, modifying basin depth dataset, evaluating groundwater conditions of water levels and quality (ongoing throughout month)
Invoice for work in December 2019	45.75	\$9,198.75	\$0.00	\$0.00	\$9,198.75	Work on HCM and Groundwater Conditions draft chapters, specifically revising continuing basin depth/bedrock surface modifications, water level, and water quality data analysis, and evaluating for the presence of groundwater dependent ecosystems (ongoing throughout month)
Invoice for work in January 2020	67.75	\$14,918.75	\$420.00	\$0.00	\$15,338.75	Work on HCM and Groundwater Conditions draft chapters, specifically finalizing basin depth/bedrock depth modifications and water level analysis and continuing work on water quality analysis and interconnected surface water assessment, revising cross sections, and drafting related sections of HCM and GW Conditions chapters (ongoing throughout month), start on Water Budget data analysis (started 1/27/20), provided background and recommendations regarding management areas (started 1/24/20, sent 1/30/20)
Invoice for work in February 2020	22.50	\$5,512.50	\$0.00	\$0.00	\$5,512.50	Work on HCM and Groundwater Conditions draft chapters, specifically finalizing water quality analysis and figures and cross sections, finalizing water level and water quality GW Conditions chapter sections, starting subsidence analysis, and start evaluation of endangered species (ongoing throughout month), work on Water Budget data analysis, specifically assessing watershed soil moisture balances and surface water flow (ongoing throughout month), discussions and additional information for the development of management areas (sent 2/27/20), preparation of a GSP outline for Stantec to use in the preparation of selected GSP sections (started 2/26/20)
Invoice for work in March 2020	41.50	\$10,267.50	\$0.00	\$0.00	\$10,267.50	Finished draft of HCM and Groundwater Conditions chapters, specifically finalizing assessments of subsidence, interconnected surface water, GDEs, and endangered species and completing related figures and text preparation (ongoing throughout month), work on Water Budget data analysis, specifically continuing to assess watershed soil moisture balances and surface water flow (ongoing throughout month)
Invoice for work in April 2020	33.25	\$8,223.75	\$140.00	\$0.00	\$8,363.75	Water Budget data analysis, specifically continuing to assess watershed soil moisture balances and surface water flow, identifying historical water use by source, reviewing future water budget components, and researching changes to water supply resulting from climate change (ongoing throughout month)
Invoice for work in May 2020	42.50	\$10,372.50	\$0.00	\$0.00	\$10,372.50	Water Budget data analysis, specifically continuing to assess watershed soil moisture balances and surface water flow, identifying historical water use by source, reviewing future water budget components, and researching changes to water supply resulting from climate change (ongoing throughout month) and initiation of sustainability criteria discussion with GSA (started 5/11/20).
Invoice for work in June 2020	10.00	\$2,450.00	\$0.00	\$0.00	\$2,450.00	Reviewing and incorporating comments on draft of HCM and Groundwater Conditions chapters (ongoing throughout month) and development of conceptual sustainability criteria for further discussion with GSA (ongoing throughout month)
Invoice for work in July 2020	16.25	\$3,641.25	\$0.00	\$0.00	\$3,641.25	Water Budget data analysis and draft chapter preparation, specifically continuing to assess watershed soil moisture balances and surface water flow, historical water use by source, future water budget components, researching changes to water supply resulting from climate change, writing draft water budget methodologies, and preparing water budget tables (ongoing throughout month) and ongoing sustainability criteria discussion and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in August 2020	4.00	\$980.00	\$0.00	\$0.00	\$980.00	Water Budget data analysis and draft chapter preparation, specifically continuing to assess watershed soil moisture balances and surface water flow, historical water use by source, future water budget components, researching changes to water supply resulting from climate change, writing draft water budget methodologies, and preparing water budget tables (ongoing throughout month) and ongoing sustainability criteria discussion and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in September 2020	25.75	\$5,883.75	\$0.00	\$0.00	\$5,883.75	Ongoing Water Budget data analysis and draft chapter preparation, continuing to assess watershed soil moisture balances and surface water flow, future water budget components, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria discussion including meeting with GSA member agencies to plan sustainability criteria and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and starting Monitoring Plan chapter of GSP (started 9/10/2020); and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in October 2020	32.75	\$7,280.00	\$0.00	\$0.00	\$7,280.00	Ongoing Water Budget data analysis and draft chapter preparation, continuing to assess watershed soil moisture balances and surface water flow, future water budget components, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in November 2020	9.50	\$2,242.50	\$0.00	\$0.00	\$2,242.50	Ongoing Water Budget data analysis and draft chapter preparation, finalizing watershed soil moisture balances and surface water flow, future water budget components, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in December 2020	18.00	\$3,972.50	\$0.00	\$0.00	\$3,972.50	Ongoing Water Budget data analysis and draft chapter preparation, future water budget component estimation, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in January 2021	7.50	\$1,837.50	\$0.00	\$0.00	\$1,837.50	Ongoing Water Budget draft chapter preparation, future water budget scenario development, and draft water budget writing, (ongoing throughout month); ongoing drafting of Sustainability Criteria chapter of GSP (ongoing throughout month); refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in February 2021	6.00	\$1,470.00	\$350.00	\$0.00	\$1,820.00	Ongoing Water Budget draft chapter preparation, future water budget scenario development, and draft water budget writing, (ongoing throughout month); finalization of administrative draft of Sustainability Criteria chapter of GSP (ongoing throughout month); finalization of administrative draft Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month).
Task 3 Budget	927.00	\$216,065	\$22,400	\$1,040	\$239,505	
Task 3 Expenditures	598.00	\$134,041.25	\$1,050.00	\$65.00	\$135,156.25	
Task 3 Remaining	329.00	\$82,023.75	\$21,350.00	\$975.00	\$104,348.75	

Bedford Coldwater Basin Groundwater Sustainability Plan Budget Status Summary
 Budget Summary as of: February 28, 2021



Tasks	Technical Labor Totals		GIS / Graphics Costs	Admin Costs	Total	Description of Work
	hours	\$				
Task 4 Comments on the Draft GSP						
Task 4 Budget	9.00	\$2,230	\$0	\$0	\$2,230	
Task 4 Expenditures	0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Task 4 Remaining	9.00	\$2,230.00	\$0.00	\$0.00	\$2,230.00	
Task 5 Revised Draft GSP						
Task 5 Budget	105.00	\$25,375	\$2,800	\$130	\$28,305	
Task 5 Expenditures	0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Task 5 Remaining	105.00	\$25,375.00	\$2,800.00	\$130.00	\$28,305.00	
Task 6 Final Draft GSP Based on Public Comments						
Task 6 Budget	70.00	\$16,875	\$4,200	\$130	\$21,205	
Task 6 Expenditures	0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Task 6 Remaining	70.00	\$16,875.00	\$4,200.00	\$130.00	\$21,205.00	
Task 7 Project Management and Meetings						
Invoice for work in September 2019	2.50	\$612.50	\$0.00	\$0.00	\$612.50	Project management
Invoice for work in October 2019	2.00	\$490.00	\$0.00	\$32.50	\$522.50	Project management
Invoice for work in November 2019	4.00	\$980.00	\$0.00	\$32.50	\$1,012.50	Project management
Invoice for work in December 2019	1.00	\$245.00	\$0.00	\$32.50	\$277.50	Project management
Invoice for work in January 2020	1.00	\$245.00	\$0.00	\$32.50	\$277.50	Project management
Invoice for work in February 2020	1.50	\$367.50	\$0.00	\$32.50	\$400.00	Project management
Invoice for work in March 2020	1.75	\$428.75	\$0.00	\$32.50	\$461.25	Project management
Invoice for work in April 2020	1.50	\$367.50	\$0.00	\$32.50	\$400.00	Project management
Invoice for work in May 2020	1.75	\$428.75	\$0.00	\$32.50	\$461.25	Project management
Invoice for work in June 2020	2.00	\$490.00	\$0.00	\$32.50	\$522.50	Project management
Invoice for work in July 2020	2.75	\$680.00	\$0.00	\$32.50	\$712.50	Project management
Invoice for work in August 2020	2.00	\$490.00	\$0.00	\$32.50	\$522.50	Project management
Invoice for work in September 2020	2.00	\$490.00	\$0.00	\$32.50	\$522.50	Project management
Invoice for work in October 2020	35.75	\$8,758.75	\$0.00	\$32.50	\$8,791.25	Project management and meetings with GSA member agency managers
Invoice for work in November 2020	22.75	\$5,573.75	\$0.00	\$32.50	\$5,606.25	Project management and meetings with GSA member agency managers
Invoice for work in December 2020	17.00	\$4,165.00	\$0.00	\$32.50	\$4,197.50	Project management and meetings with GSA member agency managers
Invoice for work in January 2021	25.75	\$6,308.75	\$0.00	\$32.50	\$6,341.25	Project management and meetings with GSA member agency managers
Invoice for work in February 2021	15.50	\$3,797.50	\$0.00	\$32.50	\$3,830.00	Project management and meetings with GSA member agency managers
Task 7 Budget	312.00	\$77,515	\$4,200	\$1,170	\$82,885	
Task 7 Expenditures	142.50	\$34,918.75	\$0.00	\$552.50	\$35,471.25	
Task 7 Remaining	169.50	\$42,596.25	\$4,200.00	\$617.50	\$47,413.75	

Bedford Coldwater Basin Groundwater Sustainability Plan Budget Status Summary
 Budget Summary as of: February 28, 2021



Tasks	Technical Labor Totals		GIS / Graphics Costs	Admin Costs	Total	Description of Work
	hours	\$				
Invoice Total for work in August 2019 (dated September 8, 2019)	55.25	\$11,706.25	\$0.00	\$32.50	\$11,738.75	- Data and information review and technical memorandum preparation (started 8/6/19) - GSP preparation planning, initial preparation of GSP chapters - Plan Area (started 8/16/19) and Hydrogeologic Conceptual Model (started 8/27/19)
Invoice Total for work in September 2019 (dated October 8, 2019)	80.00	\$19,341.25	\$140.00	\$32.50	\$19,513.75	- Well siting recommendation review and technical memorandum preparation (ongoing throughout month) - Data review, model options discussions, and model strategy development (started 9/11/19) - Draft Plan Area GSP chapter (Chapter 2) preparation and transmittal to BCGSA 9/25/19 and work on HCM, specifically reviewing data for topography, soils, surficial geology, basin depth, and water levels and quality (ongoing throughout month) - Project management
Invoice Total for work in October 2019 (dated November 8, 2019)	104.25	\$24,086.25	\$0.00	\$32.50	\$24,118.75	- Well siting recommendation review, technical memorandum preparation, and response to comments (ongoing throughout month) - Data review and model strategy technical memorandum preparation (ongoing throughout month) - Work on HCM chapter (ongoing throughout month, creating topography, soil, and geology maps and drafts of related chapter sections) and beginning work on Groundwater Conditions draft chapter (started 10/5/19) - Project management
Invoice Total for work in November 2019 (dated December 8, 2019)	100.50	\$21,117.50	\$0.00	\$32.50	\$21,150.00	- Model strategy technical memorandum preparation and draft delivery 11/26/2019 - Work on HCM and Groundwater Conditions draft chapters, specifically finalizing topography, soil, and geology figures, starting work on cross sections, modifying basin depth dataset, evaluating groundwater conditions of water levels and quality (ongoing throughout month) - Project management
Invoice Total for work in December 2019 (dated January 8, 2020)	46.75	\$9,443.75	\$0.00	\$32.50	\$9,476.25	- Work on HCM and Groundwater Conditions draft chapters, specifically revising continuing basin depth/bedrock surface modifications, water level, and water quality data analysis, and evaluating for the presence of groundwater dependent ecosystems (ongoing throughout month) - Project management
Invoice Total for work in January 2020 (dated February 8, 2020)	68.75	\$15,163.75	\$420.00	\$32.50	\$15,616.25	- Work on HCM and Groundwater Conditions draft chapters, specifically finalizing basin depth/bedrock depth modifications and water level analysis and continuing work on water quality analysis and interconnected surface water assessment, revising cross sections, and drafting related sections of HCM and GW Conditions chapters (ongoing throughout month), start on Water Budget data analysis (started 1/27/20), provided background and recommendations regarding management areas (started 1/24/20, sent 1/30/20) - Project management
Invoice Total for work in February 2020 (dated March 8, 2020)	48.50	\$11,992.50	\$0.00	\$32.50	\$12,025.00	- Response to well siting recommendation comments and memo revisions, revised memo delivered 2/27/20 - Model strategy comment review and model data development, integrating comments into modeling strategy and planning for model construction (ongoing throughout month) - Work on HCM and Groundwater Conditions draft chapters, specifically finalizing water quality analysis and figures and cross sections, finalizing water level and water quality GW Conditions chapter sections, starting subsidence analysis, and start evaluation of endangered species (ongoing throughout month), work on Water Budget data analysis, specifically assessing watershed soil moisture balances and surface water flow (ongoing throughout month), discussions and additional information for the development of management areas (sent 2/27/20), preparation of a GSP outline for Stantec to use in the preparation of selected GSP sections (started 2/26/20) - Project management
Invoice Total for work in March 2020 (dated April 8, 2020)	61.00	\$15,172.50	\$0.00	\$32.50	\$15,205.00	- Recharge data assessment and quantification for model construction (started 3/1/20) - Finished draft of HCM and Groundwater Conditions chapters, specifically finalizing assessments of subsidence, interconnected surface water, GDEs, and endangered species and completing related figures and text preparation (ongoing throughout month), work on Water Budget data analysis, specifically continuing to assess watershed soil moisture balances and surface water flow (ongoing throughout month) - Project management
Invoice Total for work in April 2020 (dated May 8, 2020)	114.00	\$28,637.50	\$140.00	\$32.50	\$28,810.00	- Discussion of additional comments from GSA on monitoring well location recommendations and preparation of additional maps and datasets showing expanded monitoring well location areas, transmitted 4/10/20. - Finalization of model strategy memorandum and responses to comments (delivered 4/16/20), model grid development and refinement, initial model layering, recharge analysis, and other model construction tasks (ongoing throughout month). - Water Budget data analysis, specifically continuing to assess watershed soil moisture balances and surface water flow, identifying historical water use by source, reviewing future water budget components, and researching changes to water supply resulting from climate change (ongoing throughout month) - Project management
Invoice Total for work in May 2020 (dated June 8, 2020)	131.00	\$32,782.50	\$0.00	\$32.50	\$32,815.00	- Ongoing model construction including continuing layering, developing recharge inputs, analyzing pumping and other outflows, assessing impacts from mining, and developing calibration datasets (ongoing throughout month) - Water Budget data analysis, specifically continuing to assess watershed soil moisture balances and surface water flow, identifying historical water use by source, reviewing future water budget components, and researching changes to water supply resulting from climate change (ongoing throughout month) and initiation of sustainability criteria discussion with GSA (started 5/11/20). - Project management
Invoice Total for work in June 2020 (dated July 8, 2020)	70.00	\$17,127.50	\$280.00	\$32.50	\$17,440.00	- Development of additional data for review and identification of existing wells to sample and equip with transducers, and discussion of monitoring well locations, water quality sampling, and transducer installation with GSA. - Ongoing model construction including continuing layering, developing recharge inputs, analyzing pumping and other outflows, assessing impacts from mining, and developing calibration datasets (ongoing throughout month) - Reviewing and incorporating comments on draft of HCM and Groundwater Conditions chapters (ongoing throughout month) and development of conceptual sustainability criteria for further discussion with GSA (ongoing throughout month) - Project management
Invoice Total for work in July 2020 (dated August 8, 2020)	85.50	\$18,668.75	\$0.00	\$32.50	\$18,701.25	- Continues discussion of new monitoring well locations, existing wells to sample, and existing wells to equip with transducers with GSA and GSA manager. - Ongoing model construction including developing recharge inputs, analyzing pumping and other outflows, developing calibration datasets, and assessing future water demands (ongoing throughout month) - Water Budget data analysis and draft chapter preparation, specifically continuing to assess watershed soil moisture balances and surface water flow, historical water use by source, future water budget components, researching changes to water supply resulting from climate change, writing draft water budget methodologies, and preparing water budget tables (ongoing throughout month) and ongoing sustainability criteria discussion and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management
Invoice Total for work in August 2020 (dated September 8, 2020)	29.50	\$6,366.25	\$70.00	\$32.50	\$6,468.75	- Ongoing model construction including developing recharge inputs, analyzing pumping and other outflows, developing calibration datasets, and assessing future water demands (ongoing throughout month) - Water Budget data analysis and draft chapter preparation, specifically continuing to assess watershed soil moisture balances and surface water flow, historical water use by source, future water budget components, researching changes to water supply resulting from climate change, writing draft water budget methodologies, and preparing water budget tables (ongoing throughout month) and ongoing sustainability criteria discussion and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management
Invoice Total for work in September 2020 (dated October 8, 2020)	50.00	\$10,978.75	\$0.00	\$32.50	\$11,011.25	- Ongoing model construction including contuing recharge input development, analyzing outflows, and assessing future water demands (ongoing throughout month) - Ongoing Water Budget data analysis and draft chapter preparation, continuing to assess watershed soil moisture balances and surface water flow, future water budget components, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria discussion including meeting with GSA member agencies to plan sustainability criteria and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and starting Monitoring Plan chapter of GSP (started 9/10/2020); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management
Invoice Total for work in October 2020 (dated November 8, 2020)	122.50	\$29,808.75	\$0.00	\$32.50	\$29,841.25	- Ongoing model construction including contuing recharge input development, establishing model geometry and initial parameterization, analyzing outflows, and preparing for calibration(ongoing throughout month) - Ongoing Water Budget data analysis and draft chapter preparation, continuing to assess watershed soil moisture balances and surface water flow, future water budget components, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management and meetings with GSA member agency managers
Invoice Total for work in November 2020 (dated December 8, 2020)	139.75	\$35,203.75	\$0.00	\$32.50	\$35,236.25	- Ongoing model construction including contuing recharge input development, refining model geometry and parameterization, analyzing outflows, and starting calibration(ongoing throughout month) - Ongoing Water Budget data analysis and draft chapter preparation, finalizing watershed soil moisture balances and surface water flow, future water budget components, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management and meetings with GSA member agency managers
Invoice Total for work in December 2020 (dated January 8, 2021)	75.00	\$18,337.50	\$0.00	\$32.50	\$18,370.00	- Ongoing model construction including recharge input revisions, refining model parameterization, analyzing outflows, and continuing calibration(ongoing throughout month) - Ongoing Water Budget data analysis and draft chapter preparation, future water budget component estimation, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management and meetings with GSA member agency managers
Invoice Total for work in January 2021 (dated February 8, 2021)	132.50	\$33,367.50	\$0.00	\$32.50	\$33,400.00	- Ongoing model refinement, finalizing recharge inputs and hydrology model datasets, calibration to refine parameterization, and analyzing model output (ongoing throughout month) - Ongoing Water Budget draft chapter preparation, future water budget scenario development, and draft water budget writing, (ongoing throughout month); ongoing drafting of Sustainability Criteria chapter of GSP (ongoing throughout month); refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management and meetings with GSA member agency managers
Invoice Total for work in February 2021 (dated March 8, 2021)	112.25	\$28,211.25	\$350.00	\$32.50	\$28,593.75	- Assitance with reviewing alternative monitoring well locations and discussions with well design consultant Ongoing model refinement, calibration to refine parameterization, analyzing model output, and refinement to address water budget questions (ongoing throughout month) - Ongoing Water Budget draft chapter preparation, future water budget scenario development, and draft water budget writing, (ongoing throughout month); finalization of administrative draft of Sustainability Criteria chapter of GSP (ongoing throughout month); finalization of administrative draft Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management and meetings with GSA member agency managers
Total Budget	3,135.00	\$728,725	\$39,200	\$3,250	\$771,175	
Total Expenditures	1,627.00	\$ 387,513.75	\$ 1,400.00	\$ 617.50	\$ 389,531.25	
Total Remaining	1,508.00	\$ 341,211.25	\$ 37,800.00	\$ 2,632.50	\$ 381,643.75	
	48.1%	46.8%	96.4%	81.0%	49.5%	

TODD GROUNDWATER, 2490 MARINER SQUARE LOOP, SUITE 215, ALAMEDA CA 94501, US

Invoice No.	Description	Date	Gross Amount	Discount Amount	Net Amount Paid
80802421	BEDFORD COLDWATER GSP	04/08/21	\$26,303.75	\$0.00	\$26,303.75
TOTALS:			\$26,303.75	\$0.00	\$26,303.75

Detach at Perforation Before Depositing Check



BEDFORD COLDWATER
Groundwater Sustainability Authority
A PUBLIC AGENCY
31315 Chaney Street
Lake Elsinore, CA 92531

Bank of America
Inland Empire RCBO
P.O. Box 1072
Riverside, CA 92501
16-66 / 1220

Check Date
04/15/2021

Number
214

Amount
\$ ****26,303.75

PAY *VOID VOID VOID VOID VOID VOID VOID VOID*

PAY TO THE ORDER OF
TODD GROUNDWATER
2490 MARINER SQUARE LOOP
SUITE 215
ALAMEDA CA 94501
US

NON-NEGOTIABLE

TODD GROUNDWATER

2490 Mariner Square Loop, Suite 215
Alameda, CA 94501
510/747-6920 Federal ID# 94-2490748

RECEIVED

APR 13 2021

Finance Dept.

Invoice

DATE: 4/8/2021
INVOICE NO.: 80802 421

BILL TO:

Bedford-Coldwater Groundwater Agency
Attn: Margie Armstrong
31315 Chaney Street
Lake Elsinore, CA 92530

Project No: 80802- Bedford-Coldwater GSP

DESCRIPTION	HOURS	RATE	AMOUNT
Professional Services in connection with the preparation of the Groundwater Sustainability Plan for the Bedford-Coldwater Groundwater Basin			
Chad Taylor	32.75	245.00	8,023.75
Mike Maley	35.5	255.00	9,052.50
Gus Yates	16.5	255.00	4,207.50
Maureen Reilly	17.5	245.00	4,287.50
Arden Wells	1.75	160.00	280.00
Professional Services Subtotal			25,851.25
Drafting, GIS & Support Services: Mike Wottrich	3	140.00	420.00
Administrative/Secretarial: Cynthia Obuchi	0.25	130.00	32.50

CONTACT 803
VOUCHER# 51-253
VENDOR#
PAY DATE: 815

APR 15 2021

Acct# 51 15 310 110 53140
Entered Date: 04/15/2021

Armstrong
APPROVED FOR PAYMENT
Amt. _____ Date _____
Acct. No. _____
Initial _____
See Attached

Mar 1 - Mar 31 \$26,303.75 1.0

This invoice is now due and payable. Balances unpaid over 30 days accrue 1.5% interest per month. If payment for previous charges has been sent, please accept our thanks and disregard our reminder of previous unpaid charges.

Bedford Coldwater Basin Groundwater Sustainability Plan Budget Status Summary
Budget Summary as of: March 31, 2021



Tasks	Technical Labor Totals		GIS / Graphics Costs	Admin Costs	Total	Description of Work
	hours	\$				
Task 1 Resolution of Recommended Field Work						
Invoice for work in August 2019	15.00	\$3,375.00	\$0.00	\$0.00	\$3,375.00	Data and information review and technical memorandum preparation (started 8/6/19)
Invoice for work in September 2019	13.25	\$3,246.25	\$0.00	\$0.00	\$3,246.25	Well siting recommendation review and technical memorandum preparation (ongoing throughout month)
Invoice for work in October 2019	15.00	\$3,375.00	\$0.00	\$0.00	\$3,375.00	Well siting recommendation review, technical memorandum preparation, and response to comments (ongoing throughout month)
Invoice for work in February 2020	12.50	\$3,062.50	\$0.00	\$0.00	\$3,062.50	Response to well siting recommendation comments and memo revisions, revised memo delivered 2/27/20
Invoice for work in April 2020	10.25	\$2,511.25	\$0.00	\$0.00	\$2,511.25	Discussion of additional comments from GSA on monitoring well location recommendations and preparation of additional maps and datasets showing expanded monitoring well location areas, transmitted 4/10/20.
Invoice for work in June 2020	9.75	\$2,388.75	\$280.00	\$0.00	\$2,668.75	Development of additional data for review and identification of existing wells to sample and equip with transducers, and discussion of monitoring well locations, water quality sampling, and transducer installation with GSA.
Invoice for work in July 2020	2.50	\$612.50	\$0.00	\$0.00	\$612.50	Continues discussion of new monitoring well locations, existing wells to sample, and existing wells to equip with transducers with GSA and GSA manager.
Invoice for work in February 2021	5.75	\$1,408.75	\$0.00	\$0.00	\$1,408.75	Assistance with reviewing alternative monitoring well locations and discussions with well design consultant
Task 1 Budget	84.00	\$18,430	\$1,400	\$260	\$20,090	
Task 1 Expenditures	84.00	\$19,980.00	\$280.00	\$0.00	\$20,260.00	
Task 1 Remaining	0.00	-\$1,550.00	\$1,120.00	\$260.00	-\$170.00	
Task 2 Groundwater Modeling						
Invoice for work in September 2019	10.75	\$2,630.00	\$0.00	\$0.00	\$2,630.00	Data review, model options discussions, and model strategy development (started 9/11/19)
Invoice for work in October 2019	38.00	\$9,655.00	\$0.00	\$0.00	\$9,655.00	Data review and model strategy technical memorandum preparation (ongoing throughout month)
Invoice for work in November 2019	24.50	\$6,097.50	\$0.00	\$0.00	\$6,097.50	Model strategy technical memorandum preparation and draft delivery 11/26/2019
Invoice for work in February 2020	12.00	\$3,050.00	\$0.00	\$0.00	\$3,050.00	Model strategy comment review and model data development, integrating comments into modeling strategy and planning for model construction (ongoing throughout month)
Invoice for work in March 2020	17.75	\$4,476.25	\$0.00	\$0.00	\$4,476.25	Recharge data assessment and quantification for model construction (started 3/1/20)
Invoice for work in April 2020	69.00	\$17,535.00	\$0.00	\$0.00	\$17,535.00	Finalization of model strategy memorandum and responses to comments (delivered 4/16/20), model grid development and refinement, initial model layering, recharge analysis, and other model construction tasks (ongoing throughout month).
Invoice for work in May 2020	86.75	\$21,981.25	\$0.00	\$0.00	\$21,981.25	Ongoing model construction including continuing layering, developing recharge inputs, analyzing pumping and other outflows, assessing impacts from mining, and developing calibration datasets (ongoing throughout month)
Invoice for work in June 2020	48.25	\$11,798.75	\$0.00	\$0.00	\$11,798.75	Ongoing model construction including continuing layering, developing recharge inputs, analyzing pumping and other outflows, assessing impacts from mining, and developing calibration datasets (ongoing throughout month)
Invoice for work in July 2020	64.00	\$13,735.00	\$0.00	\$0.00	\$13,735.00	Ongoing model construction including developing recharge inputs, analyzing pumping and other outflows, developing calibration datasets, and assessing future water demands (ongoing throughout month)
Invoice for work in August 2020	23.50	\$4,896.25	\$70.00	\$0.00	\$4,966.25	Ongoing model construction including developing recharge inputs, analyzing pumping and other outflows, developing calibration datasets, and assessing future water demands (ongoing throughout month)
Invoice for work in September 2020	22.25	\$4,605.00	\$0.00	\$0.00	\$4,605.00	Ongoing model construction including contuing recharge input development, analyzing outflows, and assessing future water demands (ongoing throughout month)
Invoice for work in October 2020	54.00	\$13,770.00	\$0.00	\$0.00	\$13,770.00	Ongoing model construction including contuing recharge input development, establishing model geometry and initial parameterization, analyzing outflows, and preparing for calibration(ongoing throughout month)
Invoice for work in November 2020	107.50	\$27,387.50	\$0.00	\$0.00	\$27,387.50	Ongoing model construction including contuing recharge input development, refining model geometry and parameterization, analyzing outflows, and starting calibration(ongoing throughout month)
Invoice for work in December 2020	40.00	\$10,200.00	\$0.00	\$0.00	\$10,200.00	Ongoing model construction including contuing recharge input revisions, refining model parameterization, analyzing outflows, and continuing calibration(ongoing throughout month)
Invoice for work in January 2021	99.25	\$25,221.25	\$0.00	\$0.00	\$25,221.25	Ongoing model refinement, finalizing recharge inputs and hydrology model datasets, calibration to refine parameterization, and analyzing model output (ongoing throughout month)
Invoice for work in February 2021	85.00	\$21,535.00	\$0.00	\$0.00	\$21,535.00	Ongoing model refinement, calibration to refine parameterization, analyzing model output, and refinement to address water budget questions (ongoing throughout month)
Invoice for work in March 2021	59.00	\$14,826.25	\$0.00	\$0.00	\$14,826.25	Ongoing model refinement, calibration to refine parameterization, analyzing model output, refinement to address water budget questions relating to quarries, and preparation of future growth and climate change scenarios (ongoing throughout month)
Task 2 Budget	1,628.00	\$372,235	\$4,200	\$520	\$376,955	
Task 2 Expenditures	861.50	\$213,400.00	\$70.00	\$0.00	\$213,470.00	
Task 2 Remaining	766.50	\$158,835.00	\$4,130.00	\$520.00	\$163,485.00	
Task 3 Prepare Draft GSP						
Invoice for work in August 2019	40.25	\$8,331.25	\$0.00	\$32.50	\$8,363.75	GSP preparation planning, initial preparation of GSP chapters - Plan Area (started 8/16/19) and Hydrogeologic Conceptual Model (started 8/27/19)
Invoice for work in September 2019	53.50	\$12,852.50	\$140.00	\$32.50	\$13,025.00	Draft Plan Area GSP chapter (Chapter 2) preparation and transmittal to BCGSA 9/25/19 and work on HCM, specifically reviewing data for topography, soils, surficial geology, basin depth, and water levels and quality (ongoing throughout month)
Invoice for work in October 2019	49.25	\$10,566.25	\$0.00	\$0.00	\$10,566.25	Work on HCM chapter (ongoing throughout month, creating topography, soil, and geology maps and drafts of related chapter sections) and beginning work on Groundwater Conditions draft chapter (started 10/5/19)
Invoice for work in November 2019	72.00	\$14,040.00	\$0.00	\$0.00	\$14,040.00	Work on HCM and Groundwater Conditions draft chapters, specifically finalizing topography, soil, and geology figures, starting work on cross sections, modifying basin depth dataset, evaluating groundwater conditions of water levels and quality (ongoing throughout month)
Invoice for work in December 2019	45.75	\$9,198.75	\$0.00	\$0.00	\$9,198.75	Work on HCM and Groundwater Conditions draft chapters, specifically revising continuing basin depth/bedrock surface modifications, water level, and water quality data analysis, and evaluating for the presence of groundwater dependent ecosystems (ongoing throughout month)
Invoice for work in January 2020	67.75	\$14,918.75	\$420.00	\$0.00	\$15,338.75	Work on HCM and Groundwater Conditions draft chapters, specifically finalizing basin depth/bedrock depth modifications and water level analysis and continuing work on water quality analysis and interconnected surface water assessment, revising cross sections, and drafting related sections of HCM and GW Conditions chapters (ongoing throughout month), start on Water Budget data analysis (started 1/27/20), provided background and recommendations regarding management areas (started 1/24/20, sent 1/30/20)
Invoice for work in February 2020	22.50	\$5,512.50	\$0.00	\$0.00	\$5,512.50	Work on HCM and Groundwater Conditions draft chapters, specifically finalizing water quality analysis and figures and cross sections, finalizing water level and water quality GW Conditions chapter sections, starting subsidence analysis, and start evaluation of endangered species (ongoing throughout month), work on Water Budget data analysis, specifically assessing watershed soil moisture balances and surface water flow (ongoing throughout month), discussions and additional information for the development of management areas (sent 2/27/20), preparation of a GSP outline for Stantec to use in the preparation of selected GSP sections (started 2/26/20)
Invoice for work in March 2020	41.50	\$10,267.50	\$0.00	\$0.00	\$10,267.50	Finished draft of HCM and Groundwater Conditions chapters, specifically finalizing assessments of subsidence, interconnected surface water, GDEs, and endangered species and completing related figures and text preparation (ongoing throughout month), work on Water Budget data analysis, specifically continuing to assess watershed soil moisture balances and surface water flow (ongoing throughout month)
Invoice for work in April 2020	33.25	\$8,223.75	\$140.00	\$0.00	\$8,363.75	Water Budget data analysis, specifically continuing to assess watershed soil moisture balances and surface water flow, identifying historical water use by source, reviewing future water budget components, and researching changes to water supply resulting from climate change (ongoing throughout month)
Invoice for work in May 2020	42.50	\$10,372.50	\$0.00	\$0.00	\$10,372.50	Water Budget data analysis, specifically continuing to assess watershed soil moisture balances and surface water flow, identifying historical water use by source, reviewing future water budget components, and researching changes to water supply resulting from climate change (ongoing throughout month) and initiation of sustainability criteria discussion with GSA (started 5/11/20).
Invoice for work in June 2020	10.00	\$2,450.00	\$0.00	\$0.00	\$2,450.00	Reviewing and incorporating comments on draft of HCM and Groundwater Conditions chapters (ongoing throughout month) and development of conceptual sustainability criteria for further discussion with GSA (ongoing throughout month)
Invoice for work in July 2020	16.25	\$3,641.25	\$0.00	\$0.00	\$3,641.25	Water Budget data analysis and draft chapter preparation, specifically continuing to assess watershed soil moisture balances and surface water flow, historical water use by source, future water budget components, researching changes to water supply resulting from climate change, writing draft water budget methodologies, and preparing water budget tables (ongoing throughout month) and ongoing sustainability criteria discussion and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in August 2020	4.00	\$980.00	\$0.00	\$0.00	\$980.00	Water Budget data analysis and draft chapter preparation, specifically continuing to assess watershed soil moisture balances and surface water flow, historical water use by source, future water budget components, researching changes to water supply resulting from climate change, writing draft water budget methodologies, and preparing water budget tables (ongoing throughout month) and ongoing sustainability criteria discussion and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in September 2020	25.75	\$5,883.75	\$0.00	\$0.00	\$5,883.75	Ongoing Water Budget data analysis and draft chapter preparation, continuing to assess watershed soil moisture balances and surface water flow, future water budget components, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria discussion including meeting with GSA member agencies to plan sustainability criteria and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and starting Monitoring Plan chapter of GSP (started 9/10/2020); and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in October 2020	32.75	\$7,280.00	\$0.00	\$0.00	\$7,280.00	Ongoing Water Budget data analysis and draft chapter preparation, continuing to assess watershed soil moisture balances and surface water flow, future water budget components, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in November 2020	9.50	\$2,242.50	\$0.00	\$0.00	\$2,242.50	Ongoing Water Budget data analysis and draft chapter preparation, finalizing watershed soil moisture balances and surface water flow, future water budget components, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in December 2020	18.00	\$3,972.50	\$0.00	\$0.00	\$3,972.50	Ongoing Water Budget data analysis and draft chapter preparation, future water budget component estimation, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in January 2021	7.50	\$1,837.50	\$0.00	\$0.00	\$1,837.50	Ongoing Water Budget draft chapter preparation, future water budget scenario development, and draft water budget writing, (ongoing throughout month); ongoing drafting of Sustainability Criteria chapter of GSP (ongoing throughout month); refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in February 2021	6.00	\$1,470.00	\$350.00	\$0.00	\$1,820.00	Ongoing Water Budget draft chapter preparation, future water budget scenario development, and draft water budget writing, (ongoing throughout month); finalization of administrative draft of Sustainability Criteria chapter of GSP (ongoing throughout month); finalization of administrative draft Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month).
Invoice for work in March 2021	29.25	\$7,166.25	\$420.00	\$0.00	\$7,586.25	Ongoing Water Budget draft chapter preparation, future water budget scenario refinement, and draft water budget writing, (ongoing throughout month); presentation of administrative draft of Sustainability Criteria chapter of GSP to GSA (ongoing throughout month); presentation of administrative draft Monitoring Plan chapter of GSP to GSA (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month).
Task 3 Budget	927.00	\$216,065	\$22,400	\$1,040	\$239,505	
Task 3 Expenditures	627.25	\$141,207.50	\$1,470.00	\$65.00	\$142,742.50	
Task 3 Remaining	299.75	\$74,857.50	\$20,930.00	\$975.00	\$96,762.50	

Bedford Coldwater Basin Groundwater Sustainability Plan Budget Status Summary
 Budget Summary as of: March 31, 2021



Tasks	Technical Labor Totals		GIS / Graphics Costs	Admin Costs	Total	Description of Work
	hours	\$				
Task 4 Comments on the Draft GSP						
Task 4 Budget	9.00	\$2,230	\$0	\$0	\$2,230	
Task 4 Expenditures	0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Task 4 Remaining	9.00	\$2,230.00	\$0.00	\$0.00	\$2,230.00	
Task 5 Revised Draft GSP						
Task 5 Budget	105.00	\$25,375	\$2,800	\$130	\$28,305	
Task 5 Expenditures	0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Task 5 Remaining	105.00	\$25,375.00	\$2,800.00	\$130.00	\$28,305.00	
Task 6 Final Draft GSP Based on Public Comments						
Task 6 Budget	70.00	\$16,875	\$4,200	\$130	\$21,205	
Task 6 Expenditures	0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Task 6 Remaining	70.00	\$16,875.00	\$4,200.00	\$130.00	\$21,205.00	
Task 7 Project Management and Meetings						
Invoice for work in September 2019	2.50	\$612.50	\$0.00	\$0.00	\$612.50	Project management
Invoice for work in October 2019	2.00	\$490.00	\$0.00	\$32.50	\$522.50	Project management
Invoice for work in November 2019	4.00	\$980.00	\$0.00	\$32.50	\$1,012.50	Project management
Invoice for work in December 2019	1.00	\$245.00	\$0.00	\$32.50	\$277.50	Project management
Invoice for work in January 2020	1.00	\$245.00	\$0.00	\$32.50	\$277.50	Project management
Invoice for work in February 2020	1.50	\$367.50	\$0.00	\$32.50	\$400.00	Project management
Invoice for work in March 2020	1.75	\$428.75	\$0.00	\$32.50	\$461.25	Project management
Invoice for work in April 2020	1.50	\$367.50	\$0.00	\$32.50	\$400.00	Project management
Invoice for work in May 2020	1.75	\$428.75	\$0.00	\$32.50	\$461.25	Project management
Invoice for work in June 2020	2.00	\$490.00	\$0.00	\$32.50	\$522.50	Project management
Invoice for work in July 2020	2.75	\$680.00	\$0.00	\$32.50	\$712.50	Project management
Invoice for work in August 2020	2.00	\$490.00	\$0.00	\$32.50	\$522.50	Project management
Invoice for work in September 2020	2.00	\$490.00	\$0.00	\$32.50	\$522.50	Project management
Invoice for work in October 2020	35.75	\$8,758.75	\$0.00	\$32.50	\$8,791.25	Project management and meetings with GSA member agency managers
Invoice for work in November 2020	22.75	\$5,573.75	\$0.00	\$32.50	\$5,606.25	Project management and meetings with GSA member agency managers
Invoice for work in December 2020	17.00	\$4,165.00	\$0.00	\$32.50	\$4,197.50	Project management and meetings with GSA member agency managers
Invoice for work in January 2021	25.75	\$6,308.75	\$0.00	\$32.50	\$6,341.25	Project management and meetings with GSA member agency managers
Invoice for work in February 2021	15.50	\$3,797.50	\$0.00	\$32.50	\$3,830.00	Project management and meetings with GSA member agency managers
Invoice for work in March 2021	15.75	\$3,858.75	\$0.00	\$32.50	\$3,891.25	Project management and meetings with GSA member agency managers
Task 7 Budget	312.00	\$77,515	\$4,200	\$1,170	\$82,885	
Task 7 Expenditures	158.25	\$38,777.50	\$0.00	\$585.00	\$39,362.50	
Task 7 Remaining	153.75	\$38,737.50	\$4,200.00	\$585.00	\$43,522.50	

Bedford Coldwater Basin Groundwater Sustainability Plan Budget Status Summary
 Budget Summary as of: March 31, 2021



Tasks	Technical Labor Totals		GIS / Graphics Costs	Admin Costs	Total	Description of Work
	hours	\$				
Invoice Total for work in August 2019 (dated September 8, 2019)	55.25	\$11,706.25	\$0.00	\$32.50	\$11,738.75	- Data and information review and technical memorandum preparation (started 8/6/19) - GSP preparation planning, initial preparation of GSP chapters - Plan Area (started 8/16/19) and Hydrogeologic Conceptual Model (started 8/27/19)
Invoice Total for work in September 2019 (dated October 8, 2019)	80.00	\$19,341.25	\$140.00	\$32.50	\$19,513.75	- Well siting recommendation review and technical memorandum preparation (ongoing throughout month) - Data review, model options discussions, and model strategy development (started 9/11/19) - Draft Plan Area GSP chapter (Chapter 2) preparation and transmittal to BCGSA 9/25/19 and work on HCM, specifically reviewing data for topography, soils, surficial geology, basin depth, and water levels and quality (ongoing throughout month) - Project management
Invoice Total for work in October 2019 (dated November 8, 2019)	104.25	\$24,086.25	\$0.00	\$32.50	\$24,118.75	- Well siting recommendation review, technical memorandum preparation, and response to comments (ongoing throughout month) - Data review and model strategy technical memorandum preparation (ongoing throughout month) - Work on HCM chapter (ongoing throughout month, creating topography, soil, and geology maps and drafts of related chapter sections) and beginning work on Groundwater Conditions draft chapter (started 10/5/19) - Project management
Invoice Total for work in November 2019 (dated December 8, 2019)	100.50	\$21,117.50	\$0.00	\$32.50	\$21,150.00	- Model strategy technical memorandum preparation and draft delivery 11/26/2019 - Work on HCM and Groundwater Conditions draft chapters, specifically finalizing topography, soil, and geology figures, starting work on cross sections, modifying basin depth dataset, evaluating groundwater conditions of water levels and quality (ongoing throughout month) - Project management
Invoice Total for work in December 2019 (dated January 8, 2020)	46.75	\$9,443.75	\$0.00	\$32.50	\$9,476.25	- Work on HCM and Groundwater Conditions draft chapters, specifically revising continuing basin depth/bedrock surface modifications, water level, and water quality data analysis, and evaluating for the presence of groundwater dependent ecosystems (ongoing throughout month) - Project management
Invoice Total for work in January 2020 (dated February 8, 2020)	68.75	\$15,163.75	\$420.00	\$32.50	\$15,616.25	- Work on HCM and Groundwater Conditions draft chapters, specifically finalizing basin depth/bedrock depth modifications and water level analysis and continuing work on water quality analysis and interconnected surface water assessment, revising cross sections, and drafting related sections of HCM and GW Conditions chapters (ongoing throughout month), start on Water Budget data analysis (started 1/27/20), provided background and recommendations regarding management areas (started 1/24/20, sent 1/30/20) - Project management
Invoice Total for work in February 2020 (dated March 8, 2020)	48.50	\$11,992.50	\$0.00	\$32.50	\$12,025.00	- Response to well siting recommendation comments and memo revisions, revised memo delivered 2/27/20 - Model strategy comment review and model data development, integrating comments into modeling strategy and planning for model construction (ongoing throughout month) - Work on HCM and Groundwater Conditions draft chapters, specifically finalizing water quality analysis and figures and cross sections, finalizing water level and water quality GW Conditions chapter sections, starting subsidence analysis, and start evaluation of endangered species (ongoing throughout month), work on Water Budget data analysis, specifically assessing watershed soil moisture balances and surface water flow (ongoing throughout month), discussions and additional information for the development of management areas (sent 2/27/20), preparation of a GSP outline for Stantec to use in the preparation of selected GSP sections (started 2/26/20) - Project management
Invoice Total for work in March 2020 (dated April 8, 2020)	61.00	\$15,172.50	\$0.00	\$32.50	\$15,205.00	- Recharge data assessment and quantification for model construction (started 3/1/20) - Finished draft of HCM and Groundwater Conditions chapters, specifically finalizing assessments of subsidence, interconnected surface water, GDEs, and endangered species and completing related figures and text preparation (ongoing throughout month), work on Water Budget data analysis, specifically continuing to assess watershed soil moisture balances and surface water flow (ongoing throughout month) - Project management
Invoice Total for work in April 2020 (dated May 8, 2020)	114.00	\$28,637.50	\$140.00	\$32.50	\$28,810.00	- Discussion of additional comments from GSA on monitoring well location recommendations and preparation of additional maps and datasets showing expanded monitoring well location areas, transmitted 4/10/20. - Finalization of model strategy memorandum and responses to comments (delivered 4/16/20), model grid development and refinement, initial model layering, recharge analysis, and other model construction tasks (ongoing throughout month). - Water Budget data analysis, specifically continuing to assess watershed soil moisture balances and surface water flow, identifying historical water use by source, reviewing future water budget components, and researching changes to water supply resulting from climate change (ongoing throughout month) - Project management
Invoice Total for work in May 2020 (dated June 8, 2020)	131.00	\$32,782.50	\$0.00	\$32.50	\$32,815.00	- Ongoing model construction including continuing layering, developing recharge inputs, analyzing pumping and other outflows, assessing impacts from mining, and developing calibration datasets (ongoing throughout month) - Water Budget data analysis, specifically continuing to assess watershed soil moisture balances and surface water flow, identifying historical water use by source, reviewing future water budget components, and researching changes to water supply resulting from climate change (ongoing throughout month) and initiation of sustainability criteria discussion with GSA (started 5/11/20). - Project management
Invoice Total for work in June 2020 (dated July 8, 2020)	70.00	\$17,127.50	\$280.00	\$32.50	\$17,440.00	- Development of additional data for review and identification of existing wells to sample and equip with transducers, and discussion of monitoring well locations, water quality sampling, and transducer installation with GSA. - Ongoing model construction including continuing layering, developing recharge inputs, analyzing pumping and other outflows, assessing impacts from mining, and developing calibration datasets (ongoing throughout month) - Reviewing and incorporating comments on draft of HCM and Groundwater Conditions chapters (ongoing throughout month) and development of conceptual sustainability criteria for further discussion with GSA (ongoing throughout month) - Project management
Invoice Total for work in July 2020 (dated August 8, 2020)	85.50	\$18,668.75	\$0.00	\$32.50	\$18,701.25	- Continues discussion of new monitoring well locations, existing wells to sample, and existing wells to equip with transducers with GSA and GSA manager. - Ongoing model construction including developing recharge inputs, analyzing pumping and other outflows, developing calibration datasets, and assessing future water demands (ongoing throughout month) - Water Budget data analysis and draft chapter preparation, specifically continuing to assess watershed soil moisture balances and surface water flow, historical water use by source, future water budget components, researching changes to water supply resulting from climate change, writing draft water budget methodologies, and preparing water budget tables (ongoing throughout month) and ongoing sustainability criteria discussion and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management
Invoice Total for work in August 2020 (dated September 8, 2020)	29.50	\$6,366.25	\$70.00	\$32.50	\$6,468.75	- Ongoing model construction including developing recharge inputs, analyzing pumping and other outflows, developing calibration datasets, and assessing future water demands (ongoing throughout month) - Water Budget data analysis and draft chapter preparation, specifically continuing to assess watershed soil moisture balances and surface water flow, historical water use by source, future water budget components, researching changes to water supply resulting from climate change, writing draft water budget methodologies, and preparing water budget tables (ongoing throughout month) and ongoing sustainability criteria discussion and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management
Invoice Total for work in September 2020 (dated October 8, 2020)	50.00	\$10,978.75	\$0.00	\$32.50	\$11,011.25	- Ongoing model construction including contuing recharge input development, analyzing outflows, and assessing future water demands (ongoing throughout month) - Ongoing Water Budget data analysis and draft chapter preparation, continuing to assess watershed soil moisture balances and surface water flow, future water budget components, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria discussion including meeting with GSA member agencies to plan sustainability criteria and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and starting Monitoring Plan chapter of GSP (started 9/10/2020); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management
Invoice Total for work in October 2020 (dated November 8, 2020)	122.50	\$29,808.75	\$0.00	\$32.50	\$29,841.25	- Ongoing model construction including contuing recharge input development, establishing model geometry and initial parameterization, analyzing outflows, and preparing for calibration(ongoing throughout month) - Ongoing Water Budget data analysis and draft chapter preparation, continuing to assess watershed soil moisture balances and surface water flow, future water budget components, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management and meetings with GSA member agency managers
Invoice Total for work in November 2020 (dated December 8, 2020)	139.75	\$35,203.75	\$0.00	\$32.50	\$35,236.25	- Ongoing model construction including contuing recharge input development, refining model geometry and parameterization, analyzing outflows, and starting calibration(ongoing throughout month) - Ongoing Water Budget data analysis and draft chapter preparation, finalizing watershed soil moisture balances and surface water flow, future water budget components, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management and meetings with GSA member agency managers
Invoice Total for work in December 2020 (dated January 8, 2021)	75.00	\$18,337.50	\$0.00	\$32.50	\$18,370.00	- Ongoing model construction including recharge input revisions, refining model parameterization, analyzing outflows, and continuing calibration(ongoing throughout month) - Ongoing Water Budget data analysis and draft chapter preparation, future water budget component estimation, and writing draft water budget methodologies, (ongoing throughout month); ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP (ongoing throughout month); assessing monitoring plan components and refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management and meetings with GSA member agency managers
Invoice Total for work in January 2021 (dated February 8, 2021)	132.50	\$33,367.50	\$0.00	\$32.50	\$33,400.00	- Ongoing model refinement, finalizing recharge inputs and hydrology model datasets, calibration to refine parameterization, and analyzing model output (ongoing throughout month) - Ongoing Water Budget draft chapter preparation, future water budget scenario development, and draft water budget writing, (ongoing throughout month); ongoing drafting of Sustainability Criteria chapter of GSP (ongoing throughout month); refining Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management and meetings with GSA member agency managers
Invoice Total for work in February 2021 (dated March 8, 2021)	112.25	\$28,211.25	\$350.00	\$32.50	\$28,593.75	- Assitance with reviewing alternative monitoring well locations and discussions with well design consultant Ongoing model refinement, calibration to refine parameterization, analyzing model output, and refinement to address water budget questions (ongoing throughout month) - Ongoing Water Budget draft chapter preparation, future water budget scenario development, and draft water budget writing, (ongoing throughout month); finalization of administrative draft of Sustainability Criteria chapter of GSP (ongoing throughout month); finalization of administrative draft Monitoring Plan chapter of GSP (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management and meetings with GSA member agency managers
Invoice Total for work in March 2021 (dated April 8, 2021)	104.00	\$25,851.25	\$420.00	\$32.50	\$26,303.75	- Ongoing model refinement, calibration to refine parameterization, analyzing model output, refinement to address water budget questions relating to quarries, and preparation of future growth and climate change scenarios (ongoing throughout month) - Ongoing Water Budget draft chapter preparation, future water budget scenario refinement, and draft water budget writing, (ongoing throughout month); presentation of administrative draft of Sustainability Criteria chapter of GSP to GSA (ongoing throughout month); presentation of administrative draft Monitoring Plan chapter of GSP to GSA (ongoing throughout month); and other GSP chapter planning with GSA manager (ongoing throughout month). - Project management and meetings with GSA member agency managers
Total Budget	3,135.00	\$728,725	\$39,200	\$3,250	\$771,175	
Total Expenditures	1,731.00	\$ 413,365.00	\$ 1,820.00	\$ 650.00	\$ 415,835.00	
Total Remaining	1,404.00	\$ 315,360.00	\$ 37,380.00	\$ 2,600.00	\$ 355,340.00	
	44.8%	43.3%	95.4%	80.0%	46.1%	

STANTEC CONSULTING SERVICES, 13980 COLLECTIONS CENTER DRIVE, CHICAGO IL 60693, US

Invoice No.	Description	Date	Gross Amount	Discount Amount	Net Amount Paid
1777163	BCGSA - ADMINISTRATOR	04/15/21	\$14,431.26	\$0.00	\$14,431.26
TOTALS:			\$14,431.26	\$0.00	\$14,431.26

Detach at Perforation Before Depositing Check



BEDFORD COLDWATER
Groundwater Sustainability Authority
A PUBLIC AGENCY
31315 Chaney Street
Lake Elsinore, CA 92531

Bank of America
Inland Empire RCBO
P.O. Box 1072
Riverside, CA 92501
16-66 / 1220

Check Date
04/22/2021

Number
216

Amount
\$ ****14,431.26

PAY *VOID VOID VOID VOID VOID VOID VOID VOID*

PAY TO THE ORDER OF
STANTEC CONSULTING SERVICES
13980 COLLECTIONS CENTER DRIVE
CHICAGO IL 60693
US

NON-NEGOTIABLE



INVOICE

Invoice Number 1777163
Invoice Date April 15, 2021
Customer Number 147409
Project Number 185865160

Bill To

BedfordColdwater Groudwater Sustainability Authority
 Accounts Payable
 31315 Chaney St
 Lake Elsinore CA 92531
 United States

Please Remit To

Stantec Consulting Services Inc. (SCSI)
 13980 Collections Center Drive
 Chicago IL 60693
 United States
 Federal Tax ID
 11-2167170

RECEIVED
 APR 19 2021
 Finance Dept.

Project Description: Bedford Coldwater GW Sustainability Authority - Administrator

Stantec Project Manager: Lapus, Kevin A
Contract No: 525
Authorization Amount: \$401,659.32
Authorization Previously Billed: \$251,550.87
Authorization Billed to Date: \$265,982.13
Current Invoice Due: \$14,431.26 *13.0*
Period Starting Date: March 2, 2021
For Period Ending: March 31, 2021

Attention : Margie Armstrong
Title: Deputy Treasurer

51-15-310-110-53140-BCGSP \$12,750.00
 51-15-310-110-53140 1,681.26
Total \$14,431.26

VOUCHER# 51-255
 VENDOR# 21
 PAY DATE: POOS
 APR 22 2021

Acct# 51 15 310 110 53140
 Entered Date:

Armstrong
 APPROVED FOR PAYMENT
 Amt. _____ Date _____
 Acct. No. _____
 Initial _____
See email

Due upon receipt or in accordance with terms of the contract

INVOICE

Invoice Number
Project Number

1777163
185865160

Top Task 001 Grant Administration

Low Task 001.1 Grant Administration

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	2.00	104.00	208.00
	<u>2.00</u>		<u>208.00</u>
Professional Services Subtotal	<u>2.00</u>		<u>208.00</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA19	2021-04-01	200.00	0.00	200.00
Flat Rate Disbursement 8% of 208.00	2021-04-01			16.64
Disbursements Subtotal				<u>216.64</u>

Low Task 001.1 Subtotal **424.64**

Top Task 001 Total **424.64**

Top Task 002 Planning Activities

Low Task 002.1 Project Management

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	6.00	104.00	624.00

INVOICE

Invoice Number

1777163

Project Number

185865160

	<u>6.00</u>		<u>624.00</u>
Senior Project Accountant MacDonnell, Colleen	0.30	89.00	<u>26.70</u>
	<u>0.30</u>		<u>26.70</u>
Professional Services Subtotal	<u>6.30</u>		<u>650.70</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA19	2021-04-01	562.50	0.00	562.50
Flat Rate Disbursement 8% of 650.70	2021-04-01			52.06
Disbursements Subtotal				<u>614.56</u>

Low Task 002.1 Subtotal **1,265.26**

Low Task 002.4 **GSA Web Site**

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	1.00	104.00	<u>104.00</u>
	<u>1.00</u>		<u>104.00</u>
Professional Services Subtotal	<u>1.00</u>		<u>104.00</u>

Disbursements

	Date	Cost	%	Current Amount
Flat Rate Disbursement 8% of 104.00	2021-04-01			8.32
Disbursements Subtotal				<u>8.32</u>

INVOICE

Invoice Number
Project Number

1777163
185865160

Low Task 002.4 Subtotal **112.32**

Low Task 002.5 **SharePoint Site**

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	1.00	104.00	104.00
	<u>1.00</u>		<u>104.00</u>
Professional Services Subtotal	<u>1.00</u>		<u>104.00</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA19	2021-04-01	200.00	0.00	200.00
Flat Rate Disbursement 8% of 104.00	2021-04-01			8.32
Disbursements Subtotal				<u>208.32</u>

Low Task 002.5 Subtotal **312.32**

Low Task 002.6 **Outreach Activities**

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA19	2021-04-01	200.00	0.00	200.00
Disbursements Subtotal				<u>200.00</u>

Low Task 002.6 Subtotal **200.00**

INVOICE

Invoice Number

1777163

Project Number

185865160

Low Task 002.8 Subcontractor Management

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	2.50	104.00	260.00
	2.50		260.00
Professional Services Subtotal	2.50		260.00

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA19	2021-04-01	400.00	0.00	400.00
Flat Rate Disbursement 8% of 260.00	2021-04-01			20.80
Disbursements Subtotal				420.80

Low Task 002.8 Subtotal 680.80

Low Task 002.9 GSP Governance Sections

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	43.50	104.00	4,524.00
	43.50		4,524.00
Professional Services Subtotal	43.50		4,524.00

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				

INVOICE

Invoice Number

1777163

Project Number

185865160

H & H Water Resources LLC STBCGSA19 Flat Rate Disbursement 8% of 4,524.00	2021-04-01	6,550.00	0.00	6,550.00
	2021-04-01			361.92
Disbursements Subtotal				<u>6,911.92</u>
Low Task 002.9 Subtotal				11,435.92
Top Task 002 Total				<u>14,006.62</u>
	Total Fees & Disbursements			\$14,431.26
	INVOICE TOTAL (USD)			<u><u>\$14,431.26</u></u>



Stantec Consulting Services, Inc.
Stantec.Accounts.Payable.Invoices@Stantec.com

Remit to: H & H Water Resources, LLC
1446 Highland Ave.
Glendale, CA 91202

For Professional Services Rendered during the Period of 3/01/2021 to 3/31/2021

Invoice Number: STBCGSA-19
 Date: 4/1/2021
 Stantec Project No: 185865160
 Authorization No: S20182-N
 Project Name: Bedford Coldwater Groundwater Sustainability Authority-Administrator
 Client: Stantec

<u>Billing Level</u>	<u>Name</u>	<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
Principal	Harris, Victor	\$200.00	39.5	\$7,900.00
Project Administrator	Howell, Belinda	\$125.00	1.3	\$162.50
Labor Total			40.8	\$8,062.50
Other Direct Costs				
Underground Utility Search				\$50.00
ODC Total				\$50.00
Invoice Total				\$8,112.50

Total Authorized Amount: \$114,900.00
 Billed this Invoice: \$8,112.50
 Total Invoiced to Date: \$51,113.45
 Amt. Remaining: \$63,786.55
 % Complete: 44%
 % of Authorized Amount Invoiced to Date: 44%

Date	Project	Task	Name	Hours	Rate	Amount	Description of Work Performed
03/25/21	185865160	1.1	Harris, Victor	1.0	\$ 200	\$ 200.00	Develop grant budget projections, then telecon with K. Shugart regarding grant budget estimations
		1.1 Total		1.0		\$ 200.00	
03/08/21	185865160	2.1	Harris, Victor	1.0	\$ 200	\$ 200.00	Respond to Jesus's request for information on schedule, outreach, and status to date for executive presentation.
03/09/21	185865160	2.1	Harris, Victor	0.5	\$ 200	\$ 100.00	Telecon with EVMWD re: agenda
03/23/21	185865160	2.1	Harris, Victor	0.5	\$ 200	\$ 100.00	Correspondence with Melissa at Corona regarding well locations. Send information regarding drilling area needed.
03/02/21	185865160	2.1	Howell, Belinda	1.0	\$ 125	\$ 125.00	project and document support
03/03/21	185865160	2.1	Howell, Belinda	0.3	\$ 125	\$ 37.50	project and document support
		2.1 Total		3.3		\$ 562.50	
03/10/21	185865160	2.5	Harris, Victor	1.0	\$ 200	\$ 200.00	Review SharePoint issues with Jack Wickersham and Kelly Shugart. Call Margie and let her know. Email Jack to re-instate the site
		2.5 Total		1.0		\$ 200.00	
03/25/21	185865160	2.6	Harris, Victor	1.0	\$ 200	\$ 200.00	Discussion with Melissa Rohde of The Nature Conservancy about interest in the GSP. Email response after call.
		2.6 Total		1.0		\$ 200.00	
03/04/21	185865160	2.8	Harris, Victor	1.0	\$ 200	\$ 200.00	Discuss 50-year simulation with Chad Taylor of Todd Groundwater
03/12/21	185865160	2.8	Harris, Victor	1.0	\$ 200	\$ 200.00	Call with Todd GW and Stantec to review GSP progress and modeling results.
		2.8 Total		2.0		\$ 400.00	
03/01/21	185865160	2.9	Harris, Victor	1.0	\$ 200	\$ 200.00	Review and respond to comments on Management Actions and Projects
03/04/21	185865160	2.9	Harris, Victor	1.5	\$ 200	\$ 300.00	Review and comment on GSP Introduction chapter, transmit to Kelly
03/08/21	185865160	2.9	Harris, Victor	2.5	\$ 200	\$ 500.00	Review on comment on Monitoring Programs chapter developed by Todd. Develop questions and set up meeting for tomorrow.
03/09/21	185865160	2.9	Harris, Victor	2.0	\$ 200	\$ 400.00	Conference call with Todd GW re: monitoring plan. Research land owners for location of MW-1.
03/11/21	185865160	2.9	Harris, Victor	1.0	\$ 200	\$ 200.00	Monthly coordination call with GSA group
03/16/21	185865160	2.9	Harris, Victor	0.5	\$ 200	\$ 100.00	Discuss new well locations with J. Pape of TVWD. Review kmz file he produced.
03/16/21	185865160	2.9	Harris, Victor	4.5	\$ 200	\$ 900.00	Begin writing Chapter 8 of the GSP- Management Actions and Projects. Research aggregate mining in Temescal Valley.
03/16/21	185865160	2.9	Harris, Victor	2.5	\$ 200	\$ 500.00	Finalize Chapter on Management Actions and Projects and send to K. Shugart for review
03/17/21	185865160	2.9	Harris, Victor	3.0	\$ 200	\$ 600.00	Refine MA and Projects cost estimate.
03/18/21	185865160	2.9	Harris, Victor	4.5	\$ 200	\$ 900.00	Finish draft Chapter 9 (Implementation) of the GSP and send to K. Shugart for review and formatting. Finalize cost estimates.
03/21/21	185865160	2.9	Harris, Victor	4.5	\$ 200	\$ 900.00	Finalize GSP Chapters 1, 2, and 3 based on comments and questions from K. Shugart. Transmit to Todd Groundwater.
03/24/21	185865160	2.9	Harris, Victor	3.5	\$ 200	\$ 700.00	Review comments from Todd Groundwater on GSP sections, revise Chapter 8 based on comments. Transmit to Kelly Shugart.
03/26/21	185865160	2.9	Harris, Victor	1.5	\$ 200	\$ 300.00	Finalize GSP chapter 8 and transmit to Kelly Shugart for distribution to the group.
03/30/21	185865160	2.9	ODC-Utility Search		\$ 50	\$ 50.00	Underground Service Alert of Southern California
		2.9 Total		32.5		\$ 6,550.00	
		Grand Total		40.8		\$ 8,112.50	

Billing Backup for Stantec Invoice Number:

STBCGSA-19

From: Underground Service Alert of Southern California
<receipts+acct_17hVWcJO7COZToHo@stripe.com>
Sent: Tuesday, March 30, 2021 8:02 AM
To: Victor Harris <victor@hhwaterresources.com>
Subject: Your Underground Service Alert of Southern California receipt [#1715-1959]



Receipt from Underground Service Alert of Southern California

Receipt #1715-1959

AMOUNT PAID	DATE PAID	PAYMENT METHOD
\$50.00	March 30, 2021	VISA - 3167

SUMMARY

Design Request Lookup	\$50.00
Amount charged	\$50.00

If you have any questions, contact us at payments@digalert.org or call at +1 951-808-8100.

Something wrong with the email? [View it in your browser.](#)

You're receiving this email because you made a purchase at Underground Service Alert of Southern California, which partners with **Stripe** to provide invoicing and payment processing.

Billing Backup

Date	Project	Task	Expend Type	Employee/Supplier	Quantity	Bill Rate	Bill Amount	Comment	AP Ref. #
2021-03-23	185865160	1.1	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00		
2021-03-26	185865160	1.1	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00		
				Total subTask 1.1	2.00		\$208.00		
2021-03-03	185865160	2.1	Direct - Regular	MACDONNELL, COLLEEN	0.30	89.00	26.70	REVIEW H&H FEB. INVS; SYSTEM PROCESSING. CORRESP. W/B.HOWELL @ H&H RE PYMT. TRACKING.	
				Total subTask 2.1	6.30		\$650.70		
2021-03-29	185865160	2.4	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00		
				Total subTask 2.4	1.00		\$104.00		
2021-03-08	185865160	2.5	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00		
				Total subTask 2.5	1.00		\$104.00		
2021-03-03	185865160	2.8	Direct - Regular	SHUGART, KELLY K	0.50	104.00	52.00		
2021-03-09	185865160	2.8	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00		
2021-03-12	185865160	2.8	Direct - Regular	SHUGART, KELLY K	1.00	104.00	104.00		
				Total subTask 2.8	2.50		\$260.00		
2021-03-02	185865160	2.9	Direct - Regular	SHUGART, KELLY K	4.00	104.00	416.00		
2021-03-03	185865160	2.9	Direct - Regular	SHUGART, KELLY K	4.00	104.00	416.00		
2021-03-04	185865160	2.9	Direct - Regular	SHUGART, KELLY K	3.00	104.00	312.00		
2021-03-05	185865160	2.9	Direct - Regular	SHUGART, KELLY K	4.00	104.00	416.00		
2021-03-08	185865160	2.9	Direct - Regular	SHUGART, KELLY K	2.00	104.00	208.00		
2021-03-09	185865160	2.9	Direct - Regular	SHUGART, KELLY K	3.50	104.00	364.00		
2021-03-10	185865160	2.9	Direct - Regular	SHUGART, KELLY K	4.00	104.00	416.00		
2021-03-11	185865160	2.9	Direct - Regular	SHUGART, KELLY K	2.00	104.00	208.00		
2021-03-15	185865160	2.9	Direct - Regular	SHUGART, KELLY K	3.50	104.00	364.00		
2021-03-17	185865160	2.9	Direct - Regular	SHUGART, KELLY K	2.50	104.00	260.00		
2021-03-18	185865160	2.9	Direct - Regular	SHUGART, KELLY K	3.00	104.00	312.00		
2021-03-19	185865160	2.9	Direct - Regular	SHUGART, KELLY K	3.00	104.00	312.00		
2021-03-26	185865160	2.9	Direct - Regular	SHUGART, KELLY K	2.00	104.00	208.00		
2021-03-29	185865160	2.9	Direct - Regular	SHUGART, KELLY K	1.50	104.00	156.00		
2021-03-30	185865160	2.9	Direct - Regular	SHUGART, KELLY K	1.50	104.00	156.00		
				Total subTask 2.9	43.50		\$4,524.00		
				Total Project 185865160	56.30		\$5,850.70		

Services Performed During the Invoice Period of (3/2/2021-3/31/2021)

Staff	2. Planning Activities										Staff Totals
	1. Grant Administration	2.1 Project Management	2.2 Monthly Conference Calls (plus 2 extra)	2.3 Meetings at TVWD	2.4 GSA Web Site (monthly maintenance)	2.5 SharePoint Site (monthly maintenance)	2.6 Outreach Activities	2.7 RFP Development	2.8 Subcontractor Management	2.9 GSP Governance Sections	
Victor Harris	1	2				1	1		2	32.5	39.5
Kelly Shugart	2	6			1	1			2.5	43.5	56
Colleen MacDonnell		0.3									0.3
Belinda Howell		1.3									1.3
Task Totals	3	9.6	0	0	1	2	1	0	4.5	76	97.1

The Following Services Were Performed During the Performance Period of (3/2/2021-3/31/2021)

During this period, the following activities were completed during this invoice period for As-Needed Services for the GSA:

- Task 1.1
 - Invoice markups for Q1 2021 grant packet
 - Develop and discuss grant budget projections
- Task 2.1
 - Pre-meeting call to discuss monthly agenda (3/9/21)
 - Gather data and respond to 'Jesus' request for information on schedule, outreach, and GSP status
 - Correspondence with Corona regarding well locations and drilling area
 - Troubleshooting map files for Corona for drilling locations
 - Monthly financial accounting and reporting
- Task 2.4
 - Edits to Outreach page of the website and contact info
- Task 2.5
 - Troubleshooting SharePoint access
 - Discuss SharePoint access with AMJ
- Task 2.6
 - Discussion with the Nature Conservancy about the GSP
- Task 2.8
 - Call with Todd (3/12/21) to discuss modeling results and GSP progress
 - Discuss 5-year simulation with Todd Groundwater
 - Subcontractor management and coordination
- Task 2.9
 - Call with Todd (3/9/2021) to discuss monitoring plan and DMS
 - Research land owners for MW-1 location
 - Discuss new well locations with TVWD and review land ownership kmz
 - Review and comment on draft: Monitoring Programs GSP chapter from Todd
 - Prepare draft Introduction GSP chapter
 - Review and comment on draft: Introduction GSP chapter
 - Develop draft: Management Actions and Projects chapter
 - Review and respond to comments on Management Actions and Projects
 - Revise Management Actions and Projects cost estimate
 - Prepare draft Plan Implementation GSP chapter
 - Review and format draft: Plan Implementation GSP chapter
 - Incorporate comments and finalize GSP chapters 1, 8, and 9; send to Todd for review
 - Finalize draft: Introduction GSP chapter ad send to GSA for review
 - Finalize draft: Management Actions and Projects chapter and send to GSA for review
 - Finalize draft: Plan Implementation GSP chapter and send to GSA for review
 - Send draft Sustainability Criteria GSP chapter to GSA for review
 - Prepare agenda, meeting summary, and attend monthly teleconference (3/11/2021)
 - Contact DigAlert for MW-1 utility search



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: May 20, 2021

To: Board of Directors

From: Deputy Treasurer

SUBJECT: OUTSIDE CONTRACT SUMMARY REPORT

RECOMMENDATION:

1. Receive and File the Outside Contract Summary Report.

DISCUSSION:

The Outside Contract Summary Reports are attached for review.

FISCAL IMPACT:

Not applicable.

ENVIRONMENTAL WORK STATUS:

Not applicable.

EXHIBITS/ATTACHMENTS:

Outside Contracts Summary Report



Outside Contracts Summary Report

Consultant Name	Start Date	End Date	Project Description	Total Contract Amount	Cost to Date	Contract Balance	Balance Remaining
Stantec	11/16/17	06/30/22	JPA Administrator	401,659.00	265,982.13	135,676.87	34%
Todd Groundwater	06/01/19	09/30/21	GSP Preparation	771,175.00	415,835.00	355,340.00	46%
GeoScience	12/01/20	08/31/21	Well Monitoring Design & CM	60,413.00	18,294.98	42,118.02	70%



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: May 20, 2021

To: Board of Directors

From: Deputy Treasurer

**SUBJECT: AMENDMENT NO. 1 FOR PROFESSIONAL SERVICES AGREEMENT
WITH GEOSCIENCE SUPPORT SERVICES, INC.**

RECOMMENDATION:

1. Approve Amendment No. 1 for Professional Services Agreement (PSA) with Geoscience Support Services, Inc. (Geoscience) in the amount of \$25,483; and,
2. Authorize the Deputy Treasurer to execute the appropriate documents on behalf of Bedford Coldwater Groundwater Sustainability Authority.

DISCUSSION:

The original DWR grant application and the approved grant work plan call for monitoring well equipment installation consisting of transducers and dataloggers. This equipment will automatically measure and record water levels and water quality constituents and store them electronically for later retrieval. Monitoring of groundwater levels is a key aspect of sustainably managing the groundwater basin.

During development of the work plan, it was unclear which wells were appropriate for equipping with transducers and data loggers. After review of all existing wells, two existing wells were identified as being appropriate for equipping. The two new monitoring wells being constructed will also be equipped with the monitoring equipment.

In November 2020, the Board approved a PSA with Geoscience for the design and construction management services of two monitoring wells in the amount of \$60,413. Since Geoscience is already retained to manage the construction the two wells and are skilled in installing this type of equipment, staff requested a proposal to purchase and install the monitoring equipment for the four wells.

Staff has reviewed the Geoscience proposed scope of service and costs and recommends approval of Amendment No. 1 to the PSA with Geoscience, in the amount of

\$25,483. Installation of the monitoring equipment will provide for completion of one of the DWR grant deliverables.

FISCAL IMPACT:

This item was included in the FY 2021 budget and funding is available.

ENVIRONMENTAL WORK STATUS:

Not applicable

EXHIBITS/ATTACHMENTS:

Geoscience PSA Amendment No. 1



BEDFORD COLDWATER
Groundwater Sustainability Authority

Board Members:
Paul Rodriguez, TVWD
Jacque Casillas, City of Corona
Phil Williams, EVMWD

**AMENDMENT NO. 1 TO THE PROFESSIONAL SERVICES AGREEMENT FOR
MONITORING WELL DESIGN AND CONSTRUCTION MANAGEMENT CONSULTING
SERVICES**

PARTIES AND DATE

This Amendment No. 1 ("Amendment") to the Professional Services Agreement for Monitoring Well Design and Construction Management Services by Geoscience Support Services, Inc. is made and entered into as of this _____ day of May 2021 by and between the Bedford Coldwater Groundwater Sustainability Authority, a Joint Powers Authority with its principal office at 31315 Chaney St., Lake Elsinore, CA 92531 ("Authority") and Geoscience Support Services, Inc., an independent contractor to the JPA with its principal place of business at 620 Arrow Highway, Suite 2000, La Verne, CA 91750 ("Consultant") for Monitoring Well Design and Construction Management Services ("Project"). The Authority and Consultant are sometimes individually referred to as "Party" and collectively as "Parties" in this Agreement.

RECITALS

The Authority and the Consultant have entered into a Professional Service Agreement ("PSA") for the purpose of providing Monitoring Well Design and Construction Management Services.

The Parties now desire to amend the PSA in order to add the scope of service and increase the compensation amount.

NOW, THEREFORE, in consideration of the above recitals and the mutual covenants, conditions, and promises contained in the PSA, the Parties mutually agree as follows:

AMENDMENT TERMS

1. The scope of services outlined in section 3.1.1 of the PSA are hereby amended to include the additional services set forth in Attachment 1, attached hereto and incorporated herein.
2. The total compensation in section 3.2.1 of \$60,413 (sixty thousand four hundred thirteen dollars) shall be amended by \$25,483 (twenty-five thousand four hundred eighty-three dollars). The amended total compensation shall not exceed \$85,896 (eighty-five thousand eight hundred ninety-six dollars) without written approval of the Authority, as previously stated in the PSA.

www.bedfordcoldwatergsa.com

31315 Chaney Street, Lake Elsinore, CA 92530

3. Except as amended by this Amendment, all other terms, conditions, and provisions of the Professional Services Agreement, including without limitation the indemnity and insurance provisions, shall remain in full force and effect and shall govern the actions of the parties under this Amendment.
4. This Amendment may be signed in counterparts, each of which shall constitute an original.
5. The term of this Amendment shall commence on the date this Amendment is executed by all Parties hereto ("Effective Date").
6. The Parties hereto hereby agree that electronic signatures are acceptable and shall have the same force and effect as original wet signatures.

IN WITNESS WHEREOF, the Parties have executed this Amendment as of the dates set below their signatures.

BEDFORD COLDWATER GROUNDWATER SUSTAINABILITY AUTHORITY:

By: _____
Margie Armstrong, Deputy Treasurer

Dated: _____

GEOSCIENCE SUPPORT SERVICES, INC.:

By: _____
(Authorized Representative of Vendor)

Printed Name: _____

Title: _____

Dated: _____

GEOSCIENCE

The First Name in Groundwater

May 13, 2021

Margie Armstrong
Director of Strategic Programs
Elsinore Valley Municipal Water District
31315 Chaney Street
Lake Elsinore, CA 92530

Re: Proposal for Professional Hydrogeological Services Related to Installation of Four New Pressure Transducers for the Bedford-Coldwater Groundwater Sustainability Authority

Dear Margie:

We are pleased to submit this proposal to provide professional hydrogeological services related to the purchase and installation of four (4) new pressure transducers in wells monitored by the Bedford-Coldwater Groundwater Sustainability Authority (BCGSA). The pressure transducers selected for this work by BCGSA, namely the In-situ Aqua TROLL 200 Data Logger, will allow for the continuous monitoring of groundwater levels, pressure, electrical conductivity (EC), and temperature. These data logging probes will be installed within two (2) existing wells (i.e., Corona Well 20 and the Trilogy Well), as well as two new monitoring wells scheduled to be constructed by the BCGSA in the third or fourth quarter of 2021. Our proposal includes site reconnaissance to evaluate the deployment approach and gather groundwater level information, followed by purchase, bench testing, and deployment of the four probes and associated equipment.

1.0 FURNISH AND INSTALL PRESSURE TRANSDUCERS IN FOUR MONITORING WELLS

1.1 Initial Site Recon

Prior to purchase of equipment, Geoscience staff will visit each of the four well sites to collect data necessary for proper deployment of the probes. The purpose of these visits will be to measure the depth to static groundwater level for comparison to historical water level depths. This data will determine the length of cable each transducer will require. Observations related to installing each transducer will also be recorded and appropriate equipment and tools will be obtained.

PO Box 220 Claremont, CA 91711
t. 909.451.6650
f. 909.451.6638
www.gssiwater.com

1.2 Purchase, Test, and Install Pressure Transducers

Based on the data and observations collected from Task 1.1, appropriate equipment will be purchased to outfit each monitoring well with an In-situ Aqua TROLL 200. For cost estimating purposes, in addition to the four probes, it is assumed that each of the two new monitoring wells will require 300 ft of vented transducer cable, that Corona Well 20 will require 450 ft of vented transducer cable, and the Trilogy Well will each require 400 ft of vented transducer cable. Our cost also includes ancillary equipment such as hanging devices, desiccant cartridges, and one (1) wireless TROLL com for use in downloading and programming.

Following purchase of the equipment, Geoscience staff will bench test each pressure transducer and length of cable at our laboratory to verify that they are working properly prior to deployment. And equipment found unsuitable for use will be returned and replaced.

Geoscience will coordinate with the appropriate owner representatives for deployment of the pressure transducers. This will include the hand-off of necessary parts and instructions on how to operate the equipment. Geoscience staff will also be available to answer any questions regarding operation of the equipment following deployment.

Our cost proposal for this scope of work is \$25,483 as detailed in the attached Table 1. Thank you for the opportunity to submit this proposal. Should you have any questions, please do not hesitate to call me at (909) 297-6336.



Sincerely,

Terry Watkins, PG, CHG
Senior Geohydrologist

Consulting Services Related to the Furnishing and Installation of Four New Pressure Transducers

Task Description			GEOSCIENCE SUPPORT SERVICES, INC.							Labor	Reimbursable Expenses ¹	Total Cost
			Principal Hydrologist	Senior Geohydrologist	Project Geohydrologist	Staff Geohydrologist	Technical Illustrator	Clerical				
			<i>Hourly Rate:</i>	\$263	\$226	\$201	\$146	\$146	\$103			
1.0	FURNISH AND INSTALL PRESSURE TRANSDUCERS IN FOUR (4) MONITORING WELLS											
1.1	Site Visit to Measure Current Depth to Groundwater in Each Monitoring Well											
				2	2	8				\$ 2,022	\$ 145	\$ 2,167
1.2	Purchase, Bench Test, and Install Four (4) In-Situ Aqua TROLL 200 Data Logger Pressure Transducers. Includes 4 data logger probes, 4 spools of vented transducer cable, desiccant packs and equipment to mount or hang probe. Also includes one (1) Wireless TROLL Com											
				2	4	12				\$ 3,008	\$ 20,308	\$ 23,316
<i>Subtotal</i>										\$ 3,008	\$ 20,308	\$ 23,316
TOTAL HOURS AND COST :				0	4	6	20	0	0	\$ 5,030	\$ 20,453	\$ 25,483

Notes:

¹ Reimbursable expenses include mileage, field per diem at \$145/day and equipment fees including tax and 10% mark-up. It should be noted that additional costs, which cannot be foreseen at this time, are sometimes incurred due to equipment breakdowns on the part of the drilling contractor, and/or problems in material procurement or construction. Additional inspection hours for such field-related problems are not included in the above costs.

Geoscience is aware of the requirements of California Labor Code Sections 1720 et seq. and 1770 et seq., which require the payment of prevailing wage rates and the performance of other requirements on certain "public works" and "maintenance" projects. The work Geoscience performs does not fall under prevailing wage rate categories.



Aqua TROLL® CTD Data Loggers

Conductivity, Temperature,
Plus Water Level Logging

Measure and record water level, water pressure, conductivity, and temperature with the Aqua TROLL 200, or only conductivity and temperature with the Aqua TROLL 100. Unique conductivity cell allows for a wide, accurate measurement range in a narrow diameter instrument (sub-1 inch).

Rugged, Compact Design

- **Use in harsh environments** such as coastal, remediation, and mine water monitoring projects. Titanium construction resists fouling and is chemical- and corrosion-resistant.
- **Sub-1 inch design** (1.83 cm, 0.72 in) fits narrow diameter wells.

Extended Deployments

- **Reduce power consumption.** Batteries have a typical life of 5 years when reading every 15 minutes. 8-36 VDC input is compatible with external batteries and solar power.
- **Use the TROLL® Shield Antifouling System** to reduce biofouling and extend deployments by up to 6 weeks.

Accurate Results

- **Use dynamic density compensation** to collect accurate water level data in environments where salinity values may vary.
- **Receive factory-calibrated instruments** that are validated with NIST®-traceable standards.
- **Deploy for long-term monitoring.** Instruments operate with very low drift.

Flexible Communications

- **Integrate into telemetry and SCADA systems and HydroVu™ Data Services** for real-time data and automatic event alerts. Outputs include standard Modbus/RS485, SDI-12, and 4-20 mA.
- Easily connect to a RuggedReader® Handheld PC or your PC.
- **Use RuggedCable® Systems** with titanium twist-lock connectors for quick, reliable connections.
- **Streamline data collection and analysis.** Simplify instrument setup, automate site management, and generate reports with user-friendly Win-Situ® Software.

World Class Support

- One-stop-shop for purchasing and support.
- 24/7/365 technical support is just a phone call away.
- Guaranteed 7-day service for maintenance (U.S.A only).

Applications

- **Aquifer storage and recovery systems**
- **Coastal deployments**—saltwater intrusion monitoring, storm surge analysis, and estuary/wetland research
- **Remediation site and mine water monitoring**
- **Stormwater monitoring programs**

CALL OR CLICK TO PURCHASE OR RENT

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1-970-498-1500 (U.S.A. and international)

WWW.IN-SITU.COM

Aqua TROLL 100 and 200 Instruments		
Temperature ranges¹	Operational: -5 to 50° C (23 to 122° F) Storage: -40 to 65° C (-40 to 149° F) Calibrated: 0 to 50° C (32 to 122° F)	
Max Pressure for Aqua TROLL 100	500 psi (1,153 ft)	
Dimensions & Weight	Diameter (OD): 1.83 cm (0.72 in.) Length: 31.5 cm (12.4 in.) Weight: 0.5 kg (1.0 lb)	
Materials	Titanium body and sensors, Delrin [®] nose cone, and PVC conductivity cell	
Output options	Modbus/RS485, SDI-12, and 4-20 mA	
Battery type & life²	3.6V lithium. 5 years or 200,000 readings ³	
External power	8-36 VDC	
Memory	4.0 MB	
Data records⁴	190,000	
Data logs	50	
Log types⁵	Linear, Linear Average, and Event	
Fastest logging rate	Linear: 1 per minute. Linear Average: 1 per minute. Event: 1 per second	
Fastest output rate	1 per second	
Conductivity Sensor	Type: Balanced 4-electrode cell	
Methods	EPA Method 120.1; Standard Methods 2510	
Range, accuracy, & resolution	Range: 5 to 100,000 µS/cm Accuracy: ± 0.5% of reading + 1 µS/cm when reading less than 80,000 µS/cm ± 1.0% of reading when reading above 80,000 µS/cm Resolution: 0.1 µS/cm	
Parameters supported⁶	Range	Units
Actual conductivity	5 to 100,000 µS/cm	µS/cm, mS/cm
Specific conductivity⁷	5 to 100,000 µS/cm	µS/cm, mS/cm
Salinity⁸	0 to 42 PSU	PSU
Total dissolved solids	0 to 82 ppt	pppt, ppm
Resistivity	10 to 200,000 Ohms-cm	Ohms-cm
Density (water salinity)	0.98 to 1.14 g/cm ³	g/cm ³
Pressure/Level/Sensor⁹	Type: Piezoresistive. Pressure/level are available only on the Aqua TROLL 200 Instrument.	
Range	Absolute (non-vented)	Gauged (vented)
	30 psia: 11 m (35 ft)	5 psig: 3.5 m (11.5 ft)
	100 psia: 60 m (197 ft)	15 psig: 11 m (35 ft)
	300 psia: 200 m (658 ft)	30 psig: 21 m (69 ft)
	500 psia: 341 m (1,120 ft)	100 psig: 70 m (231 ft)
		300 psig: 210 m (692 ft)
		500 psig: 351 m (1153 ft)
Burst Pressure	Maximum 2x range; burst > 3x range	
Accuracy & resolution¹⁰	Accuracy @ 15° C: ±0.05% full scale (FS) ¹¹ Accuracy 0 to 50° C: ±0.1% FS ¹² Resolution: 0.005% FS or better	
Units of Measure	Pressure: psi, kPa, bar, mbar, mmHg, inHg, cmH ₂ O, inH ₂ O. Level: in, ft, mm, cm, m	
Temperature Sensor		
Method	EPA Method 170.1	
Accuracy & resolution	Accuracy: ±0.1° C. Resolution: 0.01° C or better	
Units of measure	Celsius or Fahrenheit	
Warranty	2 years. Up to 5-year (total) extended warranties available—please call for details.	

TROLL® Shield System Extends Deployments

When used at coastal and high-fouling sites, the TROLL Shield Antifouling System fights biofouling of the Aqua TROLL Instrument and its conductivity cell. Reduced sensor fouling extends deployments by up to 6 weeks or longer and improves instrument accuracy and performance. Use the coiled copper guard with both the Aqua TROLL 100 and 200 Instruments. Use the copper nose cone with the Aqua TROLL 200. For optimum performance, replace the guard every 6 months.



¹ Temperature range for non-freezing liquids

² Typical battery life when used within the factory-calibrated temperature range, dependent on site conditions

³ 1 reading = date/time plus all available parameters polled or logged from device

⁴ 1 data record = date/time plus 3 parameters logged (no wrapping) from device

⁵ External power or battery pack is recommended when using Linear Average or Event logging modes.

⁶ Parameters derived from temperature at 25° C and actual conductivity range of 5 to 100,000 µS/cm with a ±0.5% + 1 µS/cm accuracy

⁷ Derived from Standard Methods 2510B

⁸ Defined by the Practical Salinity Scale 1978; Standard Methods 2520B

⁹ Real-time level compensation based on water density

¹⁰ Accuracy with 4-20 mA output option: ±0.25% FS

¹¹ Across factory-calibrated pressure range

¹² Across factory-calibrated pressure and temperature ranges. Specifications are subject to change without notice.

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Prop 1 SGWP Grant Progress Report

Reporting Period: 01/01/2021 to 03/31/2021 - as reported to DWR
(with update to 05/10/2021)

Additional tasks completed from 03/31/2020 to 05/10/2021:

- Prepared Q1 2021 grant invoice and progress report and submitted to DWR
- Revised Q1 2021 Invoice and Progress Report based on DWR comments and re-submitted to the DWR (4/21/2021)
- On May 4, finalized and posted for public review (with stakeholder notification) on the BCGSA website the following draft chapters of the GSP:
 - 1. Introduction
 - 6. Sustainable Management Criteria
 - 7. Monitoring Network
 - 8. Projects and Management Actions
 - 9. Plan Implementation
- Completed Chapter 5 (Water Balance) and updated Chapters 3 (Hydrologic Conceptual Model) and Chapter 4 (Current and Historical Groundwater Conditions) based on knowledge gained in groundwater modeling for Chapter 5. (Chapter 2, Plan Area was completed and posted in 2020).
- Finalized utility search for a potential new monitoring well site on Hunt Road
- Developed and applied for an encroachment permit from the County of Riverside on Hunt Road
- Continued coordination calls with BCGSA members (April 15)
- On-going coordination with Todd Groundwater to complete the GSP
- On-going coordination with Geoscience regarding monitoring well completion
- Developed draft Monitoring Plan required by DWR for construction of monitoring wells

Tasks completed from 01/01/2021 to 03/31/2021:

Budget Category (a): Grant Administration

Estimated Percent Complete: 53%

Task: Grant Administration

- Addressed comments on Q3 2020 invoice and progress report and submitted Q3 2020 v2 to DWR.
- Prepared Q4 2020 invoice and progress report and submit to DWR.
- Addressed comments on Q4 2020 invoice and progress report and submitted Q4 2020 v2 to DWR.
- Began Q1 2021 invoice and progress report.
- Reviewed grant deadlines and budget.
- Developed and discuss grant budget projections.
- Coordinated with GSA agencies regarding missing data for Todd Groundwater.
- Completed monthly invoice processing for Administrator (Stantec) and subconsultants from 1/1/2021 to 3/31/2021.
- Conducted conference calls with Todd Groundwater and Geoscience to discuss schedule and GSP tasks and progress.

Budget Category (b): GSP Development

Estimated Percent Complete: 50%

Task 1: Previously Completed Studies

Percent Complete: 100%

Task 2: Baseline Sampling and Analysis to Support Groundwater Quality Monitoring Program

Percent Complete: 100%

- Babcock Laboratories completed baseline groundwater quality sampling at eight existing wells within the Bedford Coldwater Basin. Results have been reported to the DWR as a required deliverable.

Task 3: BCGSA Data Management System (DMS)

Estimated Percent Complete: 70%

- SharePoint site troubleshooting.

Task 4: GSP Development

Estimated Percent Complete: 30%

- Conducted conference calls with Todd Groundwater and Geoscience to discuss schedule and GSP tasks and progress.
 - Continued Water Budget data analysis and draft chapter preparation, future water budget component estimation, future water budget scenario, writing draft water budget.
 - Continued model refinement, finalizing recharge inputs and hydrology model datasets, calibration to refine parameters, analyzing model output, refinement to address questions related to water budget and quarries, prepare future growth and climate change scenarios
 - Ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP.
 - Assessing monitoring plan components and refining Monitoring Plan GSP chapter and chapter planning with Stantec.
 - Address comments and finalize Sustainability Criteria and Monitoring Plan GSP chapters and submit Sustainability Criteria and Monitoring Plan GSP chapters to BCGSA Staff for review.
- Stantec prepared draft sections of the GSP:
 - Developed Introduction chapter, review and revise chapter based on GSA input.
 - Developed Plan Implementation chapter, review and revise chapter based on GSA input.
 - Developed Projects and Management Actions chapter, review and revise, revise cost estimate based on GSA input.
 - Submit Introduction, Plan Implementation, and Projects and Management Actions chapters to Todd Groundwater for review. Revise based on comments and submit to BCGSA Staff for review.
- Stantec reviewed groundwater level data from TVWD.
- Stantec revised and tabulated sustainability criteria and projects and management actions to be discussed during technical workshop and included in Projects and Management Actions GSP chapter.
- BCGSA Staff reviewed projects and management actions tables.
- Stantec revised projects and management actions tables based on comments from BCGSA Staff.
- Stantec reviewed Sustainability Criteria GSP chapter and 50-year simulation and provided comments to Todd Groundwater.

- Stantec reviewed Monitoring Programs GSP chapter and provided comments to Todd Groundwater.
- Prepared materials and conducted BCGSA Staff meetings and technical workshops with Todd Groundwater (meeting summaries are included in Appendix C):
 - 1/14/2021 – Staff meeting to discuss projects and management actions and status of GSP tasks.
 - 1/21/2021 – Technical workshop to discuss and approve management actions for the sustainability indicators.
 - 2/11/2021 – Staff meeting to discuss projects and management actions and potential new MW-1 locations.
 - 3/11/2021 – Staff meeting to discuss update on new MW-1 location, finalize projects and management actions, discuss the future of the BCGSA data management system, implementation of the GSP, and 50-year growth assumptions.

Budget Category (c): Stakeholder Engagement

Estimated Percent Complete: 48%

Task 5: Stakeholder Outreach Plan, Website, and Coordination Meetings

- Attended and prepared materials for discussion during the Administrator’s update portion of the JPA Board meeting (draft meeting minutes are included in Appendix B):
 - 2/18/2021; eligible topics discussed: Administrator’s Update regarding GSP activities and development. The Administrator’s Update is part of the agenda and meeting packet provided to the JPA Board members prior to meetings. Board meeting discussion of the Administrator’s Update is summarized in section 4.C. of the meeting minutes.
- Edits to the Outreach page and email addresses on the BCGSA website.
- Discussion with stakeholder The Nature Conservancy about interest in the GSP.

Budget Category (d): Construction/Implementation

Estimated Percent Complete: 8%

Task 6: Monitoring Well Equipment Installation

Estimated Percent Complete: 3%

Task 7: New Monitoring Wells

Estimated Percent Complete: 7%

- Geoscience continued site analysis, and prepared and filed CEQA documentation for MW-1 and MW-2.
- Stantec reviewed and provided comment on plans and well specifications from Geoscience for MW-1 and MW-2.
- Conducted conference call with Geoscience to discuss MW-1 site feasibility.
- Stantec and BCGSA Staff researched new potential monitoring well locations.
- Todd Groundwater assisted with reviewing alternative monitoring well locations with Stantec, Staff, and Geoscience.
- Stantec researched property and landownership while reviewing new monitoring well site options.
- Initiated utility search at potential MW-1 site on Hunt Road

Task 8: Project Monitoring Plan

Estimated Percent Complete: 0%

Major activities for next reporting period:

Todd Groundwater and Stantec will continue to work on and finalize technical chapters of the GSP and consolidate chapters into one complete GSA document. The BCGSA expects to publish remaining informal draft GSP chapters to the BCGSA website for stakeholder review on May 14, 2021. The final completed document for the formal public review period is scheduled for June 1, starting the required formal 90-day review period. The second and final stakeholder/public outreach meeting is tentatively scheduled for about July 15 (midway in the public review period).

If the pending encroachment permit from the County of Riverside is approved, the BCGSA also anticipates finalizing the new MW-1 location and completing revised CEQA documentation and final well designs with Geoscience for two new monitoring wells.

Status of Grant Invoicing
Reporting Period: Inception to Date through 03/31/2021

Category	Grant Allocation		Total Invoiced	Local Contribution	Grant	Retention Withheld	Net Grant \$ to be Paid	Paid to Date
	Local Contribution	Grant Share						
(A) Grant Administration	125,000	150,000	74,551	74,551	-	-	-	-
(B) GSP Development	725,500	675,000	785,931	725,500	60,431	6,043	54,388	-
(C) Stakeholder Engagement	24,500	50,000	61,527	24,500	37,027	3,703	33,324	32,041
(D) Construction/Implementation	125,000	125,000	25,972	25,972	-	-	-	-
	1,000,000	1,000,000	947,981	850,523	97,458	9,746	87,712	32,041

Bedford-Coldwater Groundwater Sustainability Plan Project Schedule

Updated: 5/5/2021

Task No.	Task Name	2019					2020											2021											2022					
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
Task 1	Resolution of Recommended Field Work																																	
Task 1.1	Field effort evaluation	█	█																															
Task 1.2	Technical memorandum with field work recommendations	█	█	█	█	█	█	█	█	█	█	█	█	█	█																			
Task 2	Groundwater Modeling																																	
Task 2.1	Develop model strategy	█	█	█	█	█	█	█	█	█	█	█	█	█	█																			
Task 2.2	Construct and Calibrate Model							█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Task 2.3	Model Scenarios																																	
Task 2.4	Model Documentation																																	
Task 3	Prepare Draft GSP																																	
Task 3.1	GSP Plan Area	█	█	█	█	█	█																											
Task 3.2	Hydrogeological Conceptual Model	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█		
Task 3.3	Groundwater Conditions	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Task 3.4	Quantify the Water Budget	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Task 3.5	Coordinate Identification of Management Areas																																	
Task 3.6	Define Sustainability Criteria																																	
Task 3.7	Develop Monitoring Networks and Protocols																																	
Task 4	Comments on the Draft GSP																																	
	Receive and Review GSA Comments on Draft GSP																																	
Task 5	Revised Draft GSP																																	
	Prepare Public Draft GSP																																	
	Public Draft GSP Review																																	
Task 6	Final Draft GSP Based on Public Comments																																	
	Prepare Final GSP																																	
Task 7	Project Management and Meetings																																	
	Project Management	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█		
	Monthly Progress Reports	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	Four Project Planning Meetings (dates TBD)																																	

GSP Submittal Deadline, 1/31/2022

Key

- █ Task complete
- █ Task underway
- █ Public review period (90 days)
- Monthly progress report