



BEDFORD COLDWATER
Groundwater Sustainability Authority

BEDFORD COLDWATER GROUNDWATER SUSTAINABILITY AUTHORITY (BCGSA)

**SPECIAL BOARD MEETING
AGENDA
February 18, 2021
3:00 PM**

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

1. Call to Order and Roll Call

2. 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

3. Consent Calendar

- A. Approval of Minutes of the November 19, 2020 Regular Meeting
- B. Financial Statement
- C. Ratification of Demands
- D. Back-up Information for Major Contracts
- E. Outside Contract Summary Report

4. Business Calendar

- A. Adoption of Proposed Fiscal Year 2021-22 Budget

5. Administrator's Update

6. Legal Counsel Report

7. Comments of the Board

8. Adjourn

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:

For Online Participation:

Go to: www.webex.com and select Join
Enter Meeting ID: 182 863 5767
Meeting Password: 92530

For Call-in Only:

Call: (213) 306-3065
Enter Meeting ID: 182 863 5767
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.



Date: February 18, 2021
To: Board of Directors
From: Deputy Treasurer

**ITEM 3.A.: APPROVAL OF MINUTES OF THE REGULAR MEETING OF
NOVEMBER 19, 2020**

RECOMMENDATION:

That the Board of Directors:

1. Approve the Minutes of the Bedford-Coldwater Groundwater Sustainability Authority Regular Meeting of November 19, 2020.

DISCUSSION:

Draft meeting minutes are presented for consideration for approval.

FISCAL IMPACT:

Not applicable.

ENVIRONMENTAL REQUIREMENTS:

Not applicable

EXHIBITS/ATTACHMENTS:

Draft Meeting Minutes

**MINUTES OF THE
REGULAR MEETING OF THE
BEDFORD-COLDWATER
GROUNDWATER SUSTAINABILITY AUTHORITY**

November 19, 2020

Board Present

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

Staff Present

Jeff Pape, TVWD
Greg Thomas, EVMWD
Ganesh Krishnamurthy, EVMWD
Tom Moody, City of Corona
Margie Armstrong, EVMWD
Parag Kalaria, EVMWD
Terese Quintanar, EVMWD
Christy Gonzalez, EVMWD
Victor Harris, Stantec
Kelly Shugart, 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 4:02 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**

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

4. BUSINESS CALENDAR

A. Receive and File the Audited Financial Statements for Fiscal Year ending June 30, 2020.

Margie Armstrong reported that the Authority's auditor, Rogers, Anderson, Malody, & Scott, LLP (RAMS), have completed their audit of the Authority's Fiscal Year 2020 Financial Statements. As stated in the staff report, the reports indicate that no significant or material adjustments were encountered during the audit. Overall, the auditor presented an unmodified and clean audit opinion. The auditor's report on internal control report also states that the auditor did not identify any deficiencies in internal control, and that they did not find any instances of noncompliance. Additionally, the post audit letter states that the accounting estimates used in the Financial Report is reasonable, the financial statement disclosures are neutral, consistent, and clear, and there's no misstatements in the financial report.

Ms. Armstrong also stated that RAMS is used by Elsinore Valley Municipal Water District, and BCGSA was able to piggyback on that same contract providing the Authority some costs savings. Current assets and liabilities, along with statement of revenues, expenses and changes in net position were reviewed.

Chairman Rodriguez commented that this report is reflective of the young JPA with very mature members. We are fortunate to have EVMWD to leverage off of their infrastructure to ensure there are firm processes in place. He thanked everyone for being able to withstand these types of audits with no dissenting opinions from the auditors. He further provided a gentle reminder that although this audit is required, there can be some gaps in what an audit does not accomplish. He is proud of the work that has been done collectively and gave kudos to all.

The Audited Financial Statements for Fiscal Year Ending June 30, 2020 were received and filed.

B. Approval of a Professional Services Agreement with Geoscience Support Services, Inc. for the Monitoring Well Design and Construction Management (MO #31)

Ms. Armstrong reported that BCGSA solicited proposals for the design of two monitoring wells and construction management services during the construction of the wells with four proposals received. A review panel was established to evaluate the proposals. Consistent with the recommendations of previous studies, the construction of two monitoring wells was incorporated as part of the California Department of Water Resources Prop 1 GSP Grant work plan, making it a grant reimbursable cost.

Proposal evaluation criteria and scores were reviewed, with Geoscience having the highest score. Based on firm qualifications, experience, and project understanding, the panel concluded that Geoscience is the most qualified consultant and recommended award of a Professional Services Agreement in the amount of \$60,413. Ms. Armstrong further explained that this project is expected to be completed within 6-9 months. It is anticipated that the award of construction will be brought to the Board for consideration at a subsequent meeting.

Vice-Chairperson Casillas questioned if this consultant will be reporting to Ms. Armstrong, and if so, will she need extra support to handle the added work. Ms. Armstrong responded that she will be monitoring Geoscience's contract, with Geoscience providing construction management services during construction. Victor Harris will also be providing oversight to Geoscience's work and is also available to provide any other support as needed.

Answering a question from Vice-Chairperson Casillas, Ms. Armstrong explained the proposal evaluation criteria for the quality of proposal. Vice-Chairperson Casillas requested that more context be provided in future reports on these criteria. Steven O'Neill commented that he has had good experiences with Geoscience. Chairman Rodriguez commented that we need to be transparent in the way we go through the competitive bid process. He felt this was a good process and appreciates the evaluation team. He questioned where the cost of Helix for CEQA work was represented in Geoscience's budget. Ms. Armstrong responded that this cost is more than likely represented under Task 2 of the proposal.

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

1. Approve a Professional Services Agreement (PSA) with Geoscience Support Services, Inc. in the amount of \$60,413; and
2. Authorize the Deputy Treasurer to execute the appropriate documents on behalf of the Authority.

C. Administrator's Update

Victor Harris provided an update on tasks and the timeline for work to be completed on the GSP. He referred to items listed on page 126-130 of the board packet.

Chairman Rodriguez asked if there are any risks to Task 2.3 slipping beyond February. Mr. Harris responded that he did not foresee any risks, although it is one of the most complex portions of the GSP, they are making good progress. He will continue to monitor the schedule closely.

D. Legal Counsel Report

Steven O'Neill reported that since the last meeting, he worked with Ms. Armstrong on the Geoscience agreement.

E. Comments of Board

There were no comments.

F. Adjourn

There being no further business, the November 19, 2020 Regular meeting of the Bedford-Coldwater Groundwater Sustainability Authority was adjourned at 4:48 p.m.

ATTEST:

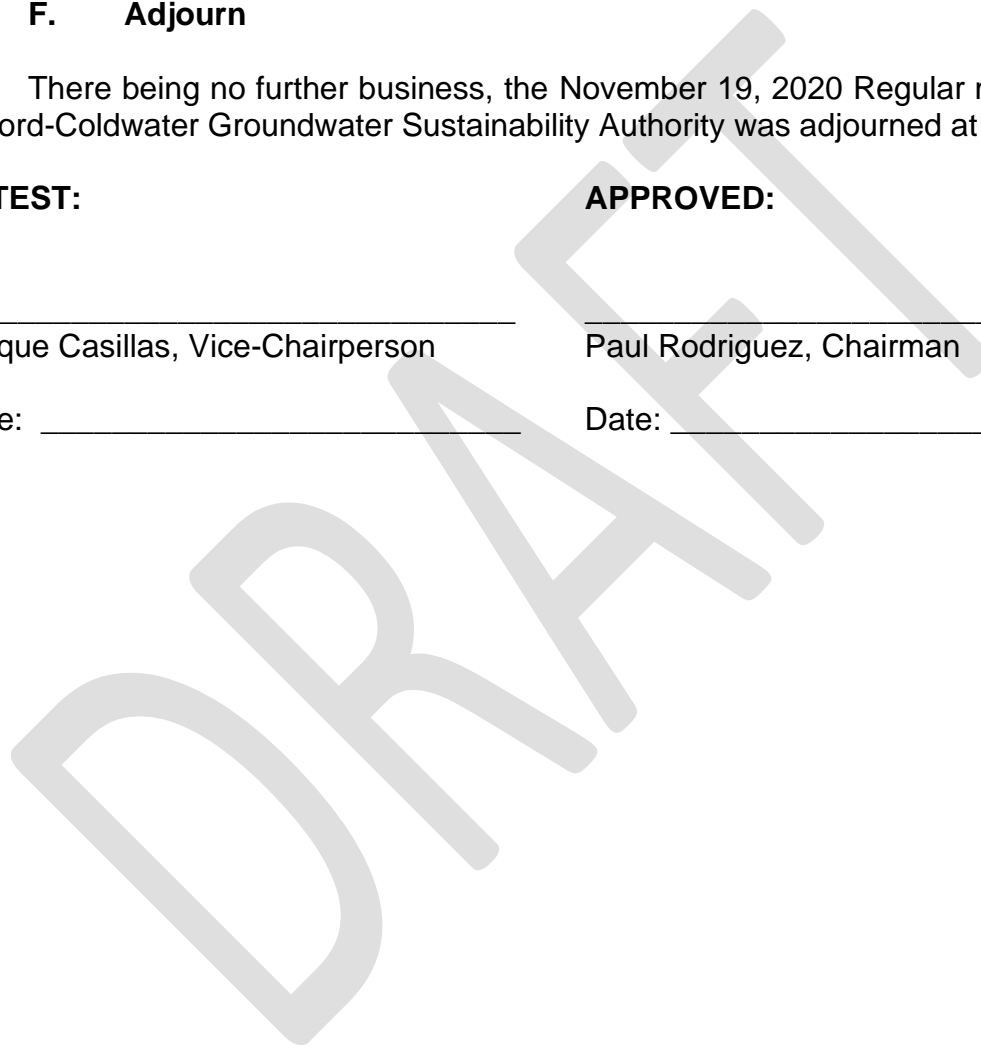
APPROVED:

Jacque Casillas, Vice-Chairperson

Paul Rodriguez, Chairman

Date: _____

Date: _____





BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: February 19, 2021
To: Board of Directors
From: Deputy Treasurer

ITEM 3.B.: RECEIVE AND FILE DECEMBER 31, 2020 FINANCIAL STATEMENTS AND CASH RESERVE REPORT

RECOMMENDATION:

That the Board of Directors:

1. Take action to Receive and File the December 31, 2020 Financial Statements and Cash Reserve Report.

DISCUSSION:

The December 31, 2020 Financial Statements and Cash Reserve Report are attached for review.

FISCAL IMPACT:

Not applicable.

ENVIRONMENTAL REQUIREMENTS:

Not applicable

EXHIBITS/ATTACHMENTS:

December 31, 2020 (Unaudited) Statement of Revenues & Expenditures
December 31, 2020 Cash Reserve Report
December 31, 2020 (Unaudited) Statement of Net Position

Bedford Coldwater Groundwater Sustainability Authority
STATEMENT OF REVENUES & EXPENDITURES (Unaudited)
as of December 31, 2020

REVENUE	YTD Actual	FY Budget	% of Budget
Member Contributions	\$ -	\$ 367,225	0
Member Contributions Carry over	692,845	-	0
Grant Reimbursement	3,460	500,000	1
Interest Income	3,225	1,500	215
TOTAL REVENUE	699,530	868,725	81
OPERATING EXPENSES			
EVMWD - JPA Oversight/Management	5,000	12,000	42
Stantec -GSP Administrator	7,911	30,000	26
ACWA Dues	2,605	2,900	90
Legal Expenses	1,280	5,500	23
Insurance Premium	1,508	2,500	60
Bank Fees	556	2,500	22
Auditing Services	1,385	7,000	20
Website Domain & Software	-	1,500	0
Website Content Design & Maintenance	-	3,000	0
TOTAL OPERATING EXPENSES	20,244	66,900	30
GSP PREPARATION EXPENSES			
Stantec	18,042	30,000	60
Todd Groundwater	101,259	800,000	13
TOTAL GSP PREPARATION EXPENSES	119,301	830,000	14
TOTAL EXPENSES	139,545	896,900	16
TRANSFERS			
Transfer to/(from) Operating Reserves	(28,175)	(28,175)	100
TOTAL TRANSFERS	(28,175)	(28,175)	100
MEMBER CONTRIBUTION CARRY OVER	\$ 588,160	\$ -	-

Bedford Coldwater Groundwater Sustainability Authority
CASH RESERVE REPORT
as of December 31, 2020

OPERATING RESERVE

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

NON-OPERATING RESERVE

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

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 December 31

ASSETS	<u>FY 2021</u>	<u>FY 2020</u>
<u>Current Assets:</u>		
Cash and Cash Equivalents	\$ 69,381	\$ 82,711
Investments	781,723	885,000
Accrued Interest Receivable	-	1,572
	<hr/>	<hr/>
Total Assets	851,104	969,283
	<hr/> <hr/>	<hr/> <hr/>
 <u>LIABILITIES & NET POSITION</u>		
<u>Current Liabilities:</u>		
Accounts Payable	38,719	24,038
Member Deposits	588,160	692,845
	<hr/>	<hr/>
Total Liabilities	626,879	716,883
 <u>Net Position:</u>		
Restricted for:		
Operating Reserve	24,225	52,400
Non-Operating Reserve	200,000	200,000
	<hr/>	<hr/>
Total Net Position	224,225	252,400
	<hr/>	<hr/>
Total Liabilities & Net Position	851,104	969,283
	<hr/> <hr/>	<hr/> <hr/>



Date: February 18, 2021
To: Board of Directors
From: Deputy Treasurer

ITEM 3.C.: RATIFICATION OF DEMANDS

RECOMMENDATION:

That the Board of Directors:

1. Ratify the demands listed on the Cash Disbursement Report for the period of November 1, 2020 through January 31, 2021.

DISCUSSION:

The Cash Disbursement Report for the period of November 1, 2020 through January 31, 2021 is attached for consideration for approval.

FISCAL IMPACT:

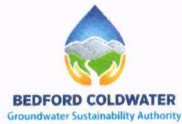
Not applicable.

ENVIRONMENTAL REQUIREMENTS:

Not applicable

EXHIBITS/ATTACHMENTS:

1. Cash Disbursement Report – November 1, 2020 through January 31, 2021.



Print Date: 02/02/2021

AP Disbursement Report

Cash Disbursements for 11/01/2020 through 01/31/2021

Check or Reference #	Payment Date	Paid to Vendor	Payment Description	Interim Justification	Pmt Type	Payment Amount
DEMAND REGISTER						
189	11/05/2020	ELSINORE VALLEY MWD	OCTOBER ADMINISTRATIVE FEE		CHECK	1,000.00
190	11/19/2020	STANTEC CONSULTING SERVICES	BCGSA - ADMINISTRATOR		CHECK	4,750.10
191	11/19/2020	TODD GROUNDWATER	BCGSA - GSP		CHECK	29,841.25
192	12/03/2020	ROGERS, ANDERSON, MALODY & SCO	YEAR END AUDIT SERVICE		CHECK	385.00
193	12/17/2020	ELSINORE VALLEY MWD	NOVEMBER ADMINISTRATIVE FEE		CHECK	1,000.00
194	12/17/2020	OLIVAREZ MADRUGA LEMIEUX ONEIL	LEGAL FEES		CHECK	280.00
195	01/07/2021	STANTEC CONSULTING SERVICES	BCGSA - ADMINISTRATOR		CHECK	3,482.84
196	01/07/2021	TODD GROUNDWATER	BCGSA - GSP		CHECK	35,236.25
197	01/21/2021	ELSINORE VALLEY MWD	DECEMBER ADMINISTRATIVE FEE		CHECK	1,000.00
198	01/21/2021	STANTEC CONSULTING SERVICES	BCGSA - ADMINISTRATOR		CHECK	2,896.03
199	01/21/2021	TODD GROUNDWATER	BCGSA -GSP		CHECK	18,370.00
WIRE TRANSFERS						
1619879	11/10/2020	BCGSA	BCGSA LAIF TO CKG		WIRE	63,000.00
1623518	01/12/2021	BCGSA	BCGSA LAIF TO CKG		WIRE	55,000.00

Current Payments Issued: \$216,241.47

Reviewed By:

Date:



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: November 19, 2020
To: Board of Directors
From: Deputy Treasurer

ITEM 3.D.: BACKUP INFORMATION FOR MAJOR CONTRACTS

Information is being provided for reference purposes.

Back-up Information for Major Contracts

Shown on Cash Disbursements for 11/01/2020 through 1/31/2021

<u>Check #</u>	<u>Payment Date</u>	<u>Paid to Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Payment Amount</u>
190	11/19/20	Stantec Consulting Svc, Inc.	1723239	11/01/20	4,750.10
191	11/19/20	Todd Groundwater	808021120	11/08/20	29,841.25
195	01/07/21	Stantec Consulting Svc, Inc.	1740392	12/22/20	3,482.84
196	01/07/21	Todd Groundwater	808021220	12/08/20	35,236.25
198	01/21/21	Stantec Consulting Svc, Inc.	1743535	01/01/21	2,896.03
199	01/21/21	Todd Groundwater	80802121	01/08/21	18,370.00
Total Amount					\$94,576.47

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

Invoice No.	Description	Date	Gross Amount	Discount Amount	Net Amount Paid
1723239	BCGSA - ADMINISTRATOR	11/01/20	\$4,750.10	\$0.00	\$4,750.10
TOTALS:			\$4,750.10	\$0.00	\$4,750.10

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
11/19/2020

Number
190

Amount
\$ *****4,750.10

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

RECEIVED

NOV 16 2020

Finance Dept.

Invoice Number 1723239
 Invoice Date November 12, 2020
 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: \$217,619.71
Authorization Billed to Date: \$222,369.81
Current Invoice Due: \$4,750.10
Period Starting Date: October 2, 2020
For Period Ending: November 1, 2020

Attention : Margie Armstrong
Title: Deputy Treasurer

51-15-310-110-53140-BCGSP \$3,974.00
 51-15-310-110-53140 776.10
 Total \$4,750.10

Voucher # 51-221
 Vendor #
 Pay Date 21 0005

NOV 19 2020

Acct#
 Entered Date 11-17-20

Armstrong
 APPROVED FOR PAYMENT
 Amt: _____ Date _____
 Acct. # _____
 Initial _____
See Attached email 11-16-20

INVOICE

Invoice Number

1723239

Project Number

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	18.50	104.00	1,924.00
	18.50		1,924.00
Professional Services Subtotal	18.50		1,924.00

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA14	2020-11-01	260.00	0.00	260.00
Flat Rate Disbursement 8% of 1,924.00	2020-11-01			153.92
Disbursements Subtotal				413.92

Low Task 001.1 Subtotal **2,337.92**

Top Task 001 Total **2,337.92**

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	2.00	104.00	208.00
	2.00		208.00

INVOICE

Invoice Number 1723239
Project Number 185865160

Senior Project Accountant
MacDonnell, Colleen

0.30	89.00	<u>26.70</u>
0.30		<u>26.70</u>
Professional Services Subtotal		<u>234.70</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA14	2020-11-01	337.50	0.00	337.50
Flat Rate Disbursement 8% of 234.70	2020-11-01			18.78
Disbursements Subtotal				<u>356.28</u>

Low Task 002.1 Subtotal **590.98**

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		<u>156.00</u>
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 STBCGSA14	2020-11-01	1,100.00	0.00	1,100.00
Flat Rate Disbursement 8% of 156.00	2020-11-01			12.48

INVOICE

Invoice Number

1723239

Project Number

185865160

Disbursements Subtotal

1,112.48

Low Task 002.8 Subtotal

1,268.48

Low Task 002.9

GSP Governance Sections

Professional Services

Billing Level

Hours

Rate

Current Amount

Junior Engineer/Scientist
Shugart, Kelly K

2.25

104.00

234.00

2.25

234.00

Professional Services Subtotal

2.25

234.00

Disbursements

Date

Cost

%

Current Amount

Direct - Other Direct Expenses

H & H Water Resources LLC
STBCGSA14

2020-11-01

300.00

0.00

300.00

Flat Rate Disbursement
8% of 234.00

2020-11-01

18.72

Disbursements Subtotal

318.72

Low Task 002.9 Subtotal

552.72

Top Task 002 Total

2,412.18

Total Fees & Disbursements

\$4,750.10

INVOICE TOTAL (USD)

\$4,750.10



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 10/01/2020 to 10/31/2020

Invoice Number: STBCGSA-14

Date: 11/1/2020

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	9.3	\$1,860.00
Project Administrator	Howell, Belinda	\$125.00	1.1	\$137.50
Labor Total				\$1,997.50
Invoice Total				\$1,997.50

Total Authorized Amount: \$114,900.00

Billed this Invoice: \$1,997.50

Total Invoiced to Date: \$27,503.45

Amt. Remaining: \$87,396.55

% Complete: 24%

% of Authorized Amount Invoiced to Date: 24%

Date	Project	Task	Name	Rate	Amount	Description of Work Performed
10/01/20	185865160	1.1	Harris, Victor	0.5 \$ 200	\$ 100.00	Review grant eligibility of costs with Margie Armstrong of EYMWD. Email to Kelly Shugart of Stantec.
10/09/20	185865160	1.1	Harris, Victor	0.8 \$ 200	\$ 160.00	Review invoice eligibility with P. Chatham from DWR, EYMWD, and K. Shugart of Stantec.
		1.1 Total			\$ 260.00	
10/06/20	185865160	2.1	Harris, Victor	1.0 \$ 200	\$ 200.00	Review monthly agenda with Todd and EYMWD. Run-through of presentation by Todd.
10/01/20	185865160	2.1	Howell, Belinda	0.8 \$ 125	\$ 100.00	project and document support
10/01/20	185865160	2.1	Howell, Belinda	0.3 \$ 125	\$ 37.50	project and document support
		2.1 Total			\$ 337.50	
10/04/20	185865160	2.8	Harris, Victor	1.0 \$ 200	\$ 200.00	Develop agency questionnaire summary. Email to Todd regarding next week's meeting activities.
10/05/20	185865160	2.8	Harris, Victor	1.0 \$ 200	\$ 200.00	Review agenda and sustainability criteria strategy with Chad Taylor and Maureen Reily of Todd and K. Shugart from Stantec.
10/05/20	185865160	2.8	Harris, Victor	1.0 \$ 200	\$ 200.00	Review Todd invoice and discuss meetings with Kelly Shugart of Stantec.
10/09/20	185865160	2.8	Harris, Victor	1.0 \$ 200	\$ 200.00	Review BCGSA group meeting with Todd Groundwater. Discuss strategy for data request.
10/12/20	185865160	2.8	Harris, Victor	1.0 \$ 200	\$ 200.00	Review RFI on sustainability criteria from Todd. Modify to include information we already have. Distribute to BCGSA group.
10/29/20	185865160	2.8	Harris, Victor	0.5 \$ 200	\$ 100.00	Correspondence with Chad Taylor of Todd Groundwater regarding data requests and upcoming meetings.
		2.8 Total			\$ 1,100.00	
10/08/20	185865160	2.9	Harris, Victor	1.0 \$ 200	\$ 200.00	Group meeting with BDGSA staff, Todd, and K. Shugart of Stantec. Review sustainability criteria.
10/16/20	185865160	2.9	Harris, Victor	0.5 \$ 200	\$ 100.00	Compile TVWD sustainability information and email to TVWD
		2.9 Total			\$ 300.00	
		Grand Total			\$ 1,997.50	

Billing Backup for Stantec Invoice Number: STBCGSA-14

Billing Backup

Date	Project	Task	Expend Type	Employee/Supplier	Quantity	Bill Rate	Bill Amount
2020-10-05	185865160	1.1	Direct - Regular	Shugart, Kelly K	1.00	104.00	104.00
2020-10-09	185865160	1.1	Direct - Regular	Shugart, Kelly K	0.75	104.00	78.00
2020-10-14	185865160	1.1	Direct - Regular	Shugart, Kelly K	0.75	104.00	78.00
2020-10-19	185865160	1.1	Direct - Regular	Shugart, Kelly K	4.00	104.00	416.00
2020-10-20	185865160	1.1	Direct - Regular	Shugart, Kelly K	8.00	104.00	832.00
2020-10-21	185865160	1.1	Direct - Regular	Shugart, Kelly K	2.00	104.00	208.00
2020-10-22	185865160	1.1	Direct - Regular	Shugart, Kelly K	2.00	104.00	208.00
Total subTask 1.1					18.50		\$1,924.00
2020-10-06	185865160	2.1	Direct - Regular	MacDonnell, Colleen	0.30	89.00	26.70
2020-10-06	185865160	2.1	Direct - Regular	Shugart, Kelly K	1.50	104.00	156.00
2020-10-14	185865160	2.1	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
Total subTask 2.1					2.30		\$234.70
2020-10-05	185865160	2.8	Direct - Regular	Shugart, Kelly K	1.00	104.00	104.00
2020-10-09	185865160	2.8	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
Total subTask 2.8					1.50		\$156.00
2020-10-06	185865160	2.9	Direct - Regular	Shugart, Kelly K	0.25	104.00	26.00
2020-10-08	185865160	2.9	Direct - Regular	Shugart, Kelly K	2.00	104.00	208.00
Total subTask 2.9					2.25		\$234.00
Total Project 185865160					24.55		\$2,548.70

Services Performed During the Invoice Period of (10/2/2020-11/1/2020)

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	1.3	1										1.5	9.3
Kelly Shugart	18.5	2										2.25	24.25
Colleen MacDonnell		0.3											0.3
Belinda Howell		1.1											1.1
Task Totals	19.8	4.4	0	0	0	0	0	0	0	0	0	3.75	34.95

The Following Services Were Performed During the Performance Period of (10/2/2020-11/1/2020)

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

Task 1.1

- Compile invoices and discuss grant eligibilities with Pakiza of DWR and EVMWD
- Prepare Q3 2020 grant packet and submit for upload to DWR on 10/23/2020

Task 2.1

- Pre-meeting call to discuss monthly agenda (10/6/2020)
- Schedule call with DWR and EVMWD
- Monthly financial accounting and reporting

Task 2.8

- Develop agency questionnaire on historical water levels and water quality
- Call with Todd (10/5/2020) to discuss sustainability criteria strategy
- Call with Todd (10/9/2020) to discuss data request strategy
- Subcontractor management and coordination
- Review RFI on sustainability criteria from Todd, modify to include existing information and distribute to Staff
- Prepare agenda, meeting summary, and attend teleconference (10/8/2020) with BCGSA Staff and Todd to discuss sustainability criteria
- Compile TVWD sustainability information and email to TVWD

Task 2.9

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

Invoice No.	Description	Date	Gross Amount	Discount Amount	Net Amount Paid
808021120	BCGSA - GSP	11/08/20	\$29,841.25	\$0.00	\$29,841.25
TOTALS:			\$29,841.25	\$0.00	\$29,841.25

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
11/19/2020

Number
191

Amount
\$ ****29,841.25

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
NOV 12 2020
Finance Dept.

Invoice

DATE: 11/8/2020
INVOICE NO.: 80802 1120

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	31.75	245.00	7,778.75
Mike Maley	28.5	255.00	7,267.50
Gus Yates	25.5	255.00	6,502.50
Maureen Reilly	28	245.00	6,860.00
Arden Wells	8.75	160.00	1,400.00
Professional Services Subtotal			29,808.75
Administrative/Secretarial:			
Cynthia Obuchi	0.25	130.00	32.50

Contract # 803

Voucher # *51-222*
Vendor #
Pay Date *8/15*

NOV 19 2020

Acct# *51-15-310-110-53140*
Entered Date *11-17-20* *BEGSP*

Armstrong
APPROVED FOR PAYMENT
Amt. _____
Acct. # _____
Joe Attached Email
11-12-20

Oct 1 - Oct 31 \$29,841.25

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: October 31, 2020



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.
Task 1 Budget	84.00	\$18,430	\$1,400	\$260	\$20,090	
Task 1 Expenditures	78.25	\$18,571.25	\$280.00	\$0.00	\$18,851.25	
Task 1 Remaining	5.75	-\$141.25	\$1,120.00	\$260.00	\$1,238.75	
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)
Task 2 Budget	1,628.00	\$372,235	\$4,200	\$520	\$376,955	
Task 2 Expenditures	470.75	\$114,230.00	\$70.00	\$0.00	\$114,300.00	
Task 2 Remaining	1,157.25	\$258,005.00	\$4,130.00	\$520.00	\$262,655.00	
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), work 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).
Task 3 Budget	927.00	\$216,065	\$22,400	\$1,040	\$239,505	
Task 3 Expenditures	557.00	\$124,518.75	\$700.00	\$65.00	\$125,283.75	
Task 3 Remaining	370.00	\$91,546.25	\$21,700.00	\$975.00	\$114,221.25	
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
Task 7 Budget	312.00	\$77,515	\$4,200	\$1,170	\$82,885	
Task 7 Expenditures	61.50	\$15,073.75	\$0.00	\$422.50	\$15,496.25	
Task 7 Remaining	250.50	\$62,441.25	\$4,200.00	\$747.50	\$67,388.75	

Bedford Coldwater Basin Groundwater Sustainability Plan Budget Status Summary
 Budget Summary as of: October 31, 2020



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
Total Budget	3,135.00	\$728,725	\$39,200	\$3,250	\$771,175	
Total Expenditures	1,167.50	\$ 272,393.75	\$ 1,050.00	\$ 487.50	\$ 273,931.25	
Total Remaining	1,967.50	\$ 456,331.25	\$ 38,150.00	\$ 2,762.50	\$ 497,243.75	
	62.8%	62.6%	97.3%	85.0%	64.5%	

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

Invoice No.	Description	Date	Gross Amount	Discount Amount	Net Amount Paid
1740392	BCGSA - ADMINISTRATOR	12/22/20	\$3,482.84	\$0.00	\$3,482.84
TOTALS:			\$3,482.84	\$0.00	\$3,482.84

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
01/07/2021

Number
195

Amount
\$ *****3,482.84

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

DEC 30 2020

Finance Dept.

Invoice Number 1740392
 Invoice Date December 22, 2020
 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: \$222,369.81
Authorization Billed to Date: \$225,852.65
Current Invoice Due: \$3,482.84
Period Starting Date: November 2, 2020
For Period Ending: December 1, 2020

Attention : Margie Armstrong
Title: Deputy Treasurer

51-15-310-110-53140-BCGSP	\$2,256.00
51-15-310-110-53140	1,226.84 2.0
Total	\$3,482.84

POSTED

DEC 31 2020

Voucher # 51-229
 Vendor #
 Pay Date 21 005

JAN 07 2021

Acct#
 Entered Date 1-6-21

Armstrong
 APPROVED FOR PAYMENT
 Amt _____ Date _____
 Acct # _____
 Initial _____

see Attached email 12/30/20

INVOICE

Invoice Number
Project Number

1740392
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	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
Flat Rate Disbursement 8% of 52.00	2020-12-01			4.16
Disbursements Subtotal				<u>4.16</u>

Low Task 001.1 Subtotal 56.16

Top Task 001 Total 56.16

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	4.00	104.00	416.00
	<u>4.00</u>		<u>416.00</u>
Senior Project Accountant MacDonnell, Colleen	0.30	89.00	26.70

INVOICE

Invoice Number
Project Number

1740392
185865160

	<u>0.30</u>	<u>26.70</u>
Professional Services Subtotal	<u>4.30</u>	<u>442.70</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA15	2020-12-01	450.00	0.00	450.00
Flat Rate Disbursement 8% of 442.70	2020-12-01			35.42
Disbursements Subtotal				<u>485.42</u>

Low Task 002.1 Subtotal **928.12**

Low Task 002.3 **TVWD Meetings**

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	1.50	104.00	156.00
	<u>1.50</u>		<u>156.00</u>
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 STBCGSA15	2020-12-01	400.00	0.00	400.00
Flat Rate Disbursement 8% of 156.00	2020-12-01			12.48
Disbursements Subtotal				<u>412.48</u>

INVOICE

Invoice Number
Project Number

1740392
185865160

Low Task 002.3 Subtotal **568.48**

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
Flat Rate Disbursement 8% of 104.00	2020-12-01			8.32
Disbursements Subtotal				<u>8.32</u>

Low Task 002.5 Subtotal **112.32**

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 15	2020-12-01	300.00	0.00	300.00

INVOICE

Invoice Number
Project Number

1740392
185865160

Flat Rate Disbursement
8% of 52.00

2020-12-01 4.16

Disbursements Subtotal 304.16

Low Task 002.8 Subtotal 356.16

Low Task 002.9 **GSP Governance Sections**

Professional Services

Billing Level

Junior Engineer/Scientist
Shugart, Kelly K

Hours **Rate** **Current Amount**

5.00 104.00 520.00

5.00 520.00

Professional Services Subtotal 5.00 520.00

Disbursements

Date **Cost** **%** **Current Amount**

Direct - Other Direct Expenses

H & H Water Resources LLC 2020-12-01 900.00 0.00 900.00
STBCGSA15

Flat Rate Disbursement 2020-12-01 41.60
8% of 520.00

Disbursements Subtotal 941.60

Low Task 002.9 Subtotal 1,461.60

Top Task 002 Total 3,426.68

Total Fees & Disbursements \$3,482.84

INVOICE TOTAL (USD) \$3,482.84



INVOICE

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 11/01/2020 to 11/30/2020

Invoice Number: STBCGSA-15

Date: 12/1/2020

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	9.5	\$1,900.00
Project Administrator	Howell, Belinda	\$125.00	1.2	\$150.00
			Labor Total	\$2,050.00
			Invoice Total	\$2,050.00

Total Authorized Amount: \$114,900.00

Billed this Invoice: \$2,050.00

Total Invoiced to Date: \$29,553.45

Amt. Remaining: \$85,346.55

% Complete: 26%

% of Authorized Amount Invoiced to Date: 26%

Coding:

185865160.001.1 = \$ 450.00

185865160.002.3 = \$ 400.00

185865160.002.8 = \$ 300.00

185865160.002.9 = \$ 900.00

Date	Project	Task	Name	Rate	Amount	Description of Work Performed	
11/10/20	185865160	2.1	Harris, Victor	1.0	\$ 200	\$ 200.00	Review sustainability criteria agenda with Chad of Todd Groundwater and EVMWD
11/25/20	185865160	2.1	Harris, Victor	0.5	\$ 200	\$ 100.00	Discuss administrative programs Stantec/GSA is responsible for with K. Shugart of Stantec.
11/03/20	185865160	2.1	Howell, Belinda	1.0	\$ 125	\$ 125.00	project and document support
11/04/20	185865160	2.1	Howell, Belinda	0.2	\$ 125	\$ 25.00	project and document support
		2.1 Total				\$ 450.00	
11/10/20	185865160	2.3	Harris, Victor	1.0	\$ 200	\$ 200.00	Develop and transmit Board package and schedule.
11/19/20	185865160	2.3	Harris, Victor	1.0	\$ 200	\$ 200.00	Quarterly BCGSA Board meeting
		2.3 Total				\$ 400.00	
11/09/20	185865160	2.8	Harris, Victor	0.5	\$ 200	\$ 100.00	Review and transmit Todd invoice to EVMWD
11/13/20	185865160	2.8	Harris, Victor	1.0	\$ 200	\$ 200.00	Review group meeting with Chad and Kelly, review aspects needed to be done by BCGSA group.
		2.8 Total				\$ 300.00	
11/06/20	185865160	2.9	Harris, Victor	1.0	\$ 200	\$ 200.00	Review sustainability criteria with Chad Taylor of Todd Groundwater
11/12/20	185865160	2.9	Harris, Victor	1.5	\$ 200	\$ 300.00	Monthly call with BCGSA group, review sustainability criteria. Finalize presentation and send to group and TVWD
11/19/20	185865160	2.9	Harris, Victor	2.0	\$ 200	\$ 400.00	Teleconference with Todd Groundwater and technical staff of BCGSA to review sustainability criteria.
		2.9 Total				\$ 900.00	
		Grand Total				\$ 2,050.00	

Billing Backup for Stantec Invoice Number: STBCGSA-15

Billing Backup

Date	Project	Task	Expnd Type	Employee/Supplier	Quantity	Bill Rate	Bill Amount
2020-11-12	185865160	1.1	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
Total subTask 1.1					0.50		\$52.00
2020-11-04	185865160	2.1	Direct - Regular	MacDonnell, Colleen	0.30	89.00	26.70
2020-11-10	185865160	2.1	Direct - Regular	Shugart, Kelly K	1.00	104.00	104.00
2020-11-12	185865160	2.1	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
2020-11-24	185865160	2.1	Direct - Regular	Shugart, Kelly K	2.00	104.00	208.00
2020-11-25	185865160	2.1	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
Total subTask 2.1					4.30		\$442.70
2020-11-04	185865160	2.3	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
2020-11-19	185865160	2.3	Direct - Regular	Shugart, Kelly K	1.00	104.00	104.00
Total subTask 2.3					1.50		\$156.00
2020-11-19	185865160	2.5	Direct - Regular	Shugart, Kelly K	1.00	104.00	104.00
Total subTask 2.5					1.00		\$104.00
2020-11-13	185865160	2.8	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
Total subTask 2.8					0.50		\$52.00
2020-11-09	185865160	2.9	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
2020-11-12	185865160	2.9	Direct - Regular	Shugart, Kelly K	2.00	104.00	208.00
2020-11-19	185865160	2.9	Direct - Regular	Shugart, Kelly K	2.50	104.00	260.00
Total subTask 2.9					5.00		\$520.00
Total Project 185865160					12.80		\$1,326.70

Services Performed During the Invoice Period of (11/2/2020-12/1/2020)

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		1.5		2					1.5	4.5	9.5
Kelly Shugart	0.5	4		1.5			1		0.5	5	12.5
		0.3									0.3
		1.2									1.2
Task Totals	0.5	7	0	3.5	0	1	0	0	2	9.5	23.5

The Following Services Were Performed During the Performance Period of (11/2/2020-12/1/2020)

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

Task 1.1

- Q4 invoice markup

Task 2.1

- Pre-meeting call to discuss monthly agenda (11/10/2020)
- Prepare FY21 budget
- Discuss administrative GSP sections and agenda
- Monthly financial accounting and reporting

Task 2.3

- Develop and transmit Board packet and budget
- Attendance at and preparation for one JPA Board meeting (11/19/2020)

Task 2.5

- Update SharePoint site documents

Task 2.8

- Call with Todd (11/13/2020) to discuss schedule and climate change projections
- Subcontractor management and coordination

Task 2.9

- Prepare agenda, meeting summary, and attend teleconference (11/12/2020)
- Review sustainability criteria with Todd Groundwater
- Technical group meeting to discuss sustainability criteria (11/19/2020)

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

Invoice No.	Description	Date	Gross Amount	Discount Amount	Net Amount Paid
808021220	BCGSA - GSP	12/08/20	\$35,236.25	\$0.00	\$35,236.25
TOTALS:			\$35,236.25	\$0.00	\$35,236.25

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
01/07/2021

Number
196

PAY *VOID VOID VOID VOID VOID VOID VOID VOID*

Amount
\$ ****35,236.25

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
 DEC 28 2020
 Finance Dept.

Invoice
 DATE: 12/8/2020
 INVOICE NO.: 80802 1220

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	24.25	245.00	5,941.25
Mike Maley	73.5	255.00	18,742.50
Gus Yates	31.5	255.00	8,032.50
Maureen Reilly	9.5	245.00	2,327.50
Arden Wells	1	160.00	160.00
Professional Services Subtotal			35,203.75
Administrative/Secretarial: Cynthia Obuchi	0.25	130.00	32.50

~~Contract 803~~
 Voucher # 51-227
 Vendor #
 Pay Date 815

~~JAN 7, 2021~~

Acct# 51 15 310 110 53140
 Entered Date 12-28-20

Armstrong Attached
 APPROVED FOR PAYMENT
 Amt. _____ Date 12/28/20
 Acct. # *see email*
 Initial _____

Nov 1 - Nov 30 **\$35,236.25**

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: November 30, 2020



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.
Task 1 Budget	84.00	\$18,430	\$1,400	\$260	\$20,090	
Task 1 Expenditures	78.25	\$18,571.25	\$280.00	\$0.00	\$18,851.25	
Task 1 Remaining	5.75	-\$141.25	\$1,120.00	\$260.00	\$1,238.75	
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)
Task 2 Budget	1,628.00	\$372,235	\$4,200	\$520	\$376,955	
Task 2 Expenditures	578.25	\$141,617.50	\$70.00	\$0.00	\$141,687.50	
Task 2 Remaining	1,049.75	\$230,617.50	\$4,130.00	\$520.00	\$235,267.50	
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).
Task 3 Budget	927.00	\$216,065	\$22,400	\$1,040	\$239,505	
Task 3 Expenditures	566.50	\$126,761.25	\$700.00	\$65.00	\$127,526.25	
Task 3 Remaining	360.50	\$89,303.75	\$21,700.00	\$975.00	\$111,978.75	
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
Task 7 Budget	312.00	\$77,515	\$4,200	\$1,170	\$82,885	
Task 7 Expenditures	84.25	\$20,647.50	\$0.00	\$455.00	\$21,102.50	
Task 7 Remaining	227.75	\$56,867.50	\$4,200.00	\$715.00	\$61,782.50	

Bedford Coldwater Basin Groundwater Sustainability Plan Budget Status Summary
 Budget Summary as of: November 30, 2020



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 October 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
Total Budget	3,135.00	\$728,725	\$39,200	\$3,250	\$771,175	
Total Expenditures	1,307.25	\$ 307,597.50	\$ 1,050.00	\$ 520.00	\$ 309,167.50	
Total Remaining	1,827.75	\$ 421,127.50	\$ 38,150.00	\$ 2,730.00	\$ 462,007.50	
	58.3%	57.8%	97.3%	84.0%	59.9%	

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

Invoice No.	Description	Date	Gross Amount	Discount Amount	Net Amount Paid
1743535	BCGSA - ADMINISTRATOR	01/01/21	\$2,896.03	\$0.00	\$2,896.03
TOTALS:			\$2,896.03	\$0.00	\$2,896.03

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
01/21/2021

Number
198

Amount
\$ *****2,896.03

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
JAN 14 2021
Finance Dept.

Invoice Number 1743535
Invoice Date January 13, 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: Lopus, Kevin A
Contract No: 525
Authorization Amount: \$401,659.32
Authorization Previously Billed: \$225,852.65
Authorization Billed to Date: \$228,748.68
Current Invoice Due: \$2,896.03
Period Starting Date: December 2, 2020
For Period Ending: January 1, 2021

Attention : Margie Armstrong
Title: Deputy Treasurer

51-15-310-110-53140-BCGSP \$1,680.00 3.0
51-15-310-110-53140 1,216.03
Total \$2,896.03

Voucher # 51-232-
Vendor #
Pay Date 21 P005-
JAN 21 2021
Acct#
Entered Date 1-15-21-

Armstrong
APPROVED FOR PAYMENT
Amt. _____ Date _____
Acct. # See Attached
Initial email 1-14-21

INVOICE

Invoice Number
Project Number

1743535
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	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
Flat Rate Disbursement 8% of 104.00	2021-01-01			8.32
Disbursements Subtotal				<u>8.32</u>

Low Task 001.1 Subtotal **112.32**

Top Task 001 Total **112.32**

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	1.75	104.00	182.00
	<u>1.75</u>		<u>182.00</u>
Senior Project Accountant MacDonnell, Colleen	0.55	89.00	48.95

INVOICE

Invoice Number
Project Number

1743535
185865160

	<u>0.55</u>	<u>48.95</u>
Professional Services Subtotal	<u>2.30</u>	<u>230.95</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA 16	2021-01-01	925.00	0.00	925.00
Flat Rate Disbursement 8% of 230.95	2021-01-01			18.48
Disbursements Subtotal				<u>943.48</u>

Low Task 002.1 Subtotal **1,174.43**

Low Task 002.5 **SharePoint Site**

Professional Services

Billing Level	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	0.75	104.00	78.00
	<u>0.75</u>		<u>78.00</u>
Professional Services Subtotal	<u>0.75</u>		<u>78.00</u>

Disbursements

	Date	Cost	%	Current Amount
Flat Rate Disbursement 8% of 78.00	2021-01-01			6.24
Disbursements Subtotal				<u>6.24</u>

Low Task 002.5 Subtotal **84.24**

Low Task 002.8 **Subcontractor Management**

INVOICE

Invoice Number
Project Number

1743535
185865160

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 16	2021-01-01	560.00	0.00	560.00
Flat Rate Disbursement 8% of 52.00	2021-01-01			4.16
Disbursements Subtotal				<u>564.16</u>

Low Task 002.8 Subtotal **616.16**

Low Task 002.9 **GSP Governance Sections**

Professional Services

Billing Level

	Hours	Rate	Current Amount
Junior Engineer/Scientist Shugart, Kelly K	2.75	104.00	286.00
	<u>2.75</u>		<u>286.00</u>
Professional Services Subtotal	<u>2.75</u>		<u>286.00</u>

Disbursements

	Date	Cost	%	Current Amount
Direct - Other Direct Expenses				
H & H Water Resources LLC STBCGSA 16	2021-01-01	600.00	0.00	600.00

INVOICE

Invoice Number

1743535

Project Number

185865160

Flat Rate Disbursement
8% of 286.00

2021-01-01

22.88

Disbursements Subtotal

622.88

Low Task 002.9 Subtotal

908.88

Top Task 002 Total

2,783.71

Total Fees & Disbursements

\$2,896.03

INVOICE TOTAL (USD)

\$2,896.03



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 12/01/2020 to 12/31/2020

Invoice Number: STBCGSA-16
 Date: 1/1/2021
 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	9.8	\$1,960.00
Project Administrator	Howell, Belinda	\$125.00	1.0	\$125.00
Labor Total				\$2,085.00
Invoice Total				\$2,085.00

Total Authorized Amount: \$114,900.00
 Billed this Invoice: \$2,085.00
 Total Invoiced to Date: \$31,638.45
 Amt. Remaining: \$83,261.55
 % Complete: 28%
 % of Authorized Amount Invoiced to Date: 28%

Date	Project	Task	Name	Hours	Rate	Amount	Description of Work Performed
12/06/20	185865160	2.1	Harris, Victor	2.0	\$ 200	\$ 400.00	Review budget for FY22. Develop spreadsheet of anticipated budget for Stantec/Geoscience/Todd/MWs.
12/07/20	185865160	2.1	Harris, Victor	1.0	\$ 200	\$ 200.00	Finalize FY 22 budget and transmit to EVMWD.
12/08/20	185865160	2.1	Harris, Victor	1.0	\$ 200	\$ 200.00	Review monthly group meeting agenda with EVMWD and Todd, review draft sustainability criteria.
12/03/20	185865160	2.1	Howell, Belinda	1.0	\$ 125	\$ 125.00	project and document support
		2.1 Total				\$ 925.00	
12/02/20	185865160	2.8	Harris, Victor	0.5	\$ 200	\$ 100.00	K.O. meeting with Geoscience and EVMWD. Emails to Geoscience and Todd groundwater to review data near new monitoring wells.
12/04/20	185865160	2.8	Harris, Victor	0.3	\$ 200	\$ 60.00	Telecon with Terry Watkins of Geoscience and Chad Taylor of Todd GW to establish contact info and depth to bedrock.
12/17/20	185865160	2.8	Harris, Victor	1.0	\$ 200	\$ 200.00	Coordination with Geoscience and Corona. Finalize and transmit meeting summary.
12/24/20	185865160	2.8	Harris, Victor	0.5	\$ 200	\$ 100.00	Review invoice from Todd Groundwater. Transmit to EVMWD.
12/29/20	185865160	2.8	Harris, Victor	0.5	\$ 200	\$ 100.00	Discuss consultant selection with Cynthia Corne of GEI. Transmit scores to GEI. Email to EVMWD to advise.
		2.8 Total				\$ 560.00	
12/07/20	185865160	2.9	Harris, Victor	2.0	\$ 200	\$ 400.00	Develop initial list of projects and management actions. Discuss revised sustainability criteria with Chad Taylor of Todd GW. Develop projects and management action suggestions.
12/10/20	185865160	2.9	Harris, Victor	1.0	\$ 200	\$ 200.00	Monthly technical group meeting. Finalize sustainability criteria
		2.9 Total				\$ 600.00	
		Grand Total				\$ 2,085.00	

Billing Backup for Stantec Invoice Number: STBCGSA-15

Billing Backup

Date	Project	Task	Expnd Type	Employee/Supplier	Quantity	Bill Rate	Bill Amount
2020-12-23	185865160	1.1	Direct - Regular	Shugart, Kelly K	1.00	104.00	104.00
					Total subTask 1.1	1.00	\$104.00
2020-12-07	185865160	2.1	Direct - Regular	MacDonnell, Colleen	0.30	89.00	26.70
2020-12-08	185865160	2.1	Direct - Regular	MacDonnell, Colleen	0.25	89.00	22.25
2020-12-08	185865160	2.1	Direct - Regular	Shugart, Kelly K	1.00	104.00	104.00
2020-12-22	185865160	2.1	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
2020-12-23	185865160	2.1	Direct - Regular	Shugart, Kelly K	0.25	104.00	26.00
					Total subTask 2.1	2.30	\$230.95
2020-12-04	185865160	2.5	Direct - Regular	Shugart, Kelly K	0.75	104.00	78.00
					Total subTask 2.5	0.75	\$78.00
2020-12-11	185865160	2.8	Direct - Regular	Shugart, Kelly K	0.50	104.00	52.00
					Total subTask 2.8	0.50	\$52.00
2020-12-04	185865160	2.9	Direct - Regular	Shugart, Kelly K	0.75	104.00	78.00
2020-12-10	185865160	2.9	Direct - Regular	Shugart, Kelly K	2.00	104.00	208.00
					Total subTask 2.9	2.75	\$286.00
Total Project 185865160					7.30		\$760.95

Services Performed During the Invoice Period of (12/2/2020-1/1/2021)

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		4							2.8	3	9.8
Kelly Shugart	1	1.75				0.75			0.5	2.75	6.75
Colleen MacDonnell		0.55									0.55
Belinda Howell		1									1
Task Totals	1	7.3	0	0	0	0.75	0	0	3.3	5.75	18.1

The Following Services Were Performed During the Performance Period of (12/2/2020-1/1/2021)

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

Task 1.1

- Q4 2020 invoice markup

Task 2.1

- Pre-meeting call to discuss monthly agenda (12/8/2020)
- Develop spreadsheet of anticipated budget for Stantec, Geoscience, Todd GW, and MWs
- Review and finalize next fiscal year budget and transmit to EVMWD
- Monthly financial accounting and reporting

Task 2.5

- Update SharePoint site documents

Task 2.8

- Call with Geoscience and Todd GW (12/4/2020) to establish contact info and depth to bedrock
- Kickoff meeting with EVMWD and Geoscience (12/2/2020)
- Call with Todd GW (12/11/2020) to review revised sustainability criteria
- Subcontractor management and coordination

Task 2.9

- Develop initial list of projects and MAs and discuss revised sustainability criteria with Todd GW
- Prepare agenda, meeting summary, and attend teleconference regarding revised sustainability criteria (12/10/2020)

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

Invoice No.	Description	Date	Gross Amount	Discount Amount	Net Amount Paid
80802121	BCGSA -GSP	01/08/21	\$18,370.00	\$0.00	\$18,370.00
TOTALS:			\$18,370.00	\$0.00	\$18,370.00

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
01/21/2021

Number
199

PAY *VOID VOID VOID VOID VOID VOID VOID VOID*

Amount
\$ ****18,370.00

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
JAN 14 2021
Finance Dept.

Invoice

DATE: 1/8/2021
INVOICE NO.: 80802 121

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	11	245.00	2,695.00
Mike Maley	30	255.00	7,650.00
Gus Yates	21.5	255.00	5,482.50
Maureen Reilly	6	245.00	1,470.00
Arden Wells	6.5	160.00	1,040.00
Professional Services Subtotal			18,337.50
Administrative/Secretarial: Cynthia Obuchi	0.25	130.00	32.50

Contract 803

Voucher # 51 231

Vendor #
Pay Date 8/5 ✓

JAN 21 2021 ✓

Acct# 51 15 310 110 53140 BCGSP ✓
Entered Date 1-15-21 ✓

Armstrong
APPROVED FOR PAYMENT
Amt _____ Date _____
Acct# see attached
Invt# email 1-14-21

Dec 1 - Dec 31 **\$18,370.00**

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: December 31, 2020



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.
Task 1 Budget	84.00	\$18,430	\$1,400	\$260	\$20,090	
Task 1 Expenditures	78.25	\$18,571.25	\$280.00	\$0.00	\$18,851.25	
Task 1 Remaining	5.75	-\$141.25	\$1,120.00	\$260.00	\$1,238.75	
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)
Task 2 Budget	1,628.00	\$372,235	\$4,200	\$520	\$376,955	
Task 2 Expenditures	618.25	\$151,817.50	\$70.00	\$0.00	\$151,887.50	
Task 2 Remaining	1,009.75	\$220,417.50	\$4,130.00	\$520.00	\$225,067.50	
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).
Task 3 Budget	927.00	\$216,065	\$22,400	\$1,040	\$239,505	
Task 3 Expenditures	584.50	\$130,733.75	\$700.00	\$65.00	\$131,498.75	
Task 3 Remaining	342.50	\$85,331.25	\$21,700.00	\$975.00	\$108,006.25	
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
Task 7 Budget	312.00	\$77,515	\$4,200	\$1,170	\$82,885	
Task 7 Expenditures	101.25	\$24,812.50	\$0.00	\$487.50	\$25,300.00	
Task 7 Remaining	210.75	\$52,702.50	\$4,200.00	\$682.50	\$57,585.00	

Bedford Coldwater Basin Groundwater Sustainability Plan Budget Status Summary
 Budget Summary as of: December 31, 2020



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
Total Budget	3,135.00	\$728,725	\$39,200	\$3,250	\$771,175	
Total Expenditures	1,382.25	\$ 325,935.00	\$ 1,050.00	\$ 552.50	\$ 327,537.50	
Total Remaining	1,752.75	\$ 402,790.00	\$ 38,150.00	\$ 2,697.50	\$ 443,637.50	
	55.9%	55.3%	97.3%	83.0%	57.5%	



Date: February 18, 2021
To: Board of Directors
From: Deputy Treasurer

ITEM 3.E.: OUTSIDE CONTRACT SUMMARY REPORT

RECOMMENDATION:

That the Board of Directors:

1. Receive and File the Outside Contract Summary Report.

DISCUSSION:

The Outside Contract Summary Reports are attached for review.

FISCAL IMPACT:

Not applicable.

ENVIRONMENTAL REQUIREMENTS:

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	11/16/2017	06/30/2022	JPA Administrator	401,659.00	228,748.68	172,910.32	43%
Todd Groundwater	06/01/2019	09/30/2021	GSP Preparation	771,175.00	327,537.50	443,637.50	58%



BEDFORD COLDWATER
Groundwater Sustainability Authority

Date: February 18, 2021
To: Board of Directors
From: Deputy Treasurer

ITEM 4.A.: ADOPTION OF PROPOSED FISCAL YEAR 2021-22 BUDGET

RECOMMENDATION:

That the Board of Directors:

1. Approve proposed BCGSA FY 2021-22 Budget.

DISCUSSION:

Annually, BCGSA analyze current financial activities and project future expenditure requirements in order to develop a proposed budget for the following year. The total proposed budget for FY 2021-22 is \$832,275, with \$124,000 in Operating expenses and \$701,500 in Non-Operating expenses.

All expenditures in the proposed FY 2021-22 Budget, net of grant reimbursements, are recoverable by member-agency contributions. The member contribution carryover for FY 2021-22 budget is estimated at \$40,500 by year end. The proposed member contribution for FY 2021-22 is \$388,362 or \$129,454 for each of the member agencies.

As per the reserve policy adopted by the Board on May 16, 2019, the Operating and Non-Operating Reserves have both been set at 25% of the proposed budgets. The reserve requirements for FY 2021-22 have been incorporated in the proposed budget.

FISCAL IMPACT:

Established in the attached proposed Budget.

ENVIRONMENTAL REQUIREMENTS:

Not applicable

EXHIBITS/ATTACHMENTS:

Proposed FY 2021-22 Budget

Proposed FY 2021-22 Member Contribution



Bedford-Coldwater Groundwater Sustainability Agency
Proposed Budget - FY 2021-22

	Proposed	Projected			
	2021-22	2022-23	2023-24	2024-25	2025-26
Operating Budget					
Annual GSP Update	\$75,000	\$50,000	\$50,000	\$50,000	\$ 50,000
GSP Administrator	15,000	25,000	25,000	25,000	25,000
JPA Oversight/Management	12,000	12,000	12,000	12,000	12,000
Website Domain & Software	1,000	1,000	1,000	1,000	1,000
Website Content Design and Maintenance	1,000	1,000	1,000	1,000	1,000
Legal Expenses	5,500	5,600	5,700	5,800	5,900
Auditor	7,000	7,000	5,000	5,200	5,400
Insurance	2,500	2,600	2,700	2,800	2,900
Bank Fees	1,500	1,500	1,500	1,500	1,500
Dues/Memberships	3,500	3,600	3,700	3,800	3,900
Total Operating Budget	\$ 124,000	\$ 109,300	\$ 107,600	\$ 108,100	\$ 108,600
Non-Operating Budget					
(1) GSP Development & Preparation	\$251,500	\$0	\$0	\$0	\$0
(2) GSP Implementation	450,000	500,000	500,000	500,000	500,000
Total Non-Operating Budget	\$ 701,500	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Reserve Requirement					
Operating Reserve (25%)	6,775	-	-	125	125
Non-Operating Reserve (25%)	-	-	-	-	-
Total Reserve requirement	6,775	-	-	125	125
Total Budget	\$ 832,275	\$ 609,300	\$ 607,600	\$ 608,225	\$ 608,725

(1) GSP Development & Preparation

- Description of Plan area and maps showing the area covered by the plan, jurisdictional boundaries of federal and tribal lands, entities with water management responsibilities.
- Review density of existing wells and existing monitoring and management programs, summarize programs that will be incorporated into the GSP.
- Identified the need and potential locations of new monitoring wells.
- Develop hydrogeologic conceptual model, including water budget, maps, land use, aquifer parameters, management areas, and groundwater conditions
- Coordinate with stakeholders to select locations that will be most beneficial to the development of basin characterization, future groundwater model and GSP.

(2) GSP Implementation

- This amount is a placeholder for the projects that may be implemented, including construction and land acquisition costs for production wells, monitoring wells, and/or surface water gaging stations. These high-level estimates will become more refined as the GSP components progresses.

Bedford-Coldwater Groundwater Sustainability Agency Proposed Member Contribution

	Proposed		Projected		
	2021-22	2022-23	2023-24	2024-25	2025-26
Revenue					
Grant Reimbursement	\$371,287	\$0	\$0	\$0	\$0
Member Contribution Carryover	40,500				
Interest Income	7,500	7,500	7,500	7,500	7,500
Operating Reserves	-	3,675	425	-	-
Non-Operating Reserves	24,625	50,375	-	-	-
Total Revenue	\$443,913	\$61,550	\$7,925	\$7,500	\$7,500
Total Budget	\$832,275	\$609,300	\$607,600	\$608,225	\$608,725
Total Member Contribution	\$388,362	\$547,750	\$599,675	\$600,725	\$601,225
Member Contribution per Agency	\$129,454	\$182,583	\$199,892	\$200,242	\$200,408

Prop 1 SGWP Grant Progress Report

Reporting Period: 10/01/2020 to 12/31/2020 - as reported to DWR
with update to 02/10/21

Additional tasks completed from 01/01/2021 to 02/10/2021:

- Prepared and submitted Q4 2020 to DWR.
- Babcock Laboratories' proposal dated 12/09/2020 was accepted to conduct groundwater sampling at existing production wells
- Reviewed and reached consensus on sustainability criteria and developed draft management actions and project concepts
- Prepared for and conducted one monthly Staff meeting and one Technical Workshop.
 - Different approaches (tiered and general) to management actions and projects were presented during the January monthly staff meeting (01/14/21)
 - The technical group met (01/21/21) to continue the monthly meeting discussion and reach a consensus on data collection and management actions
- Discussion with Todd Groundwater and Geoscience and investigation into determining a new location for MW-1
- Progress on projects and management actions chapter of the GSP

Tasks completed from 10/01/2020 to 12/31/2020:

Grant Administration

Estimated Percent Complete: 47%

Task: Grant Administration

- Reviewed grant eligibilities on 10/09/2020 with DWR.
- Prepare request for information (RFI) on sustainability criteria and distribute to agencies on 10/12/2020.
- Began invoice markups for the Q4 2020 grant packet on 10/14/2020.
- The Q3 2020 grant packet was prepared and submitted to DWR on 10/23/2020.
- Reviewed proposals received for new monitoring well construction.
- Conducted kickoff meeting with Geoscience, subcontractor selected for new monitoring well construction, on 10/02/2020.
- Prepared a Request for Proposal (RFP) for water quality sampling subcontractor and emailed to labs 11/16/2020.
- Monthly invoice processing for Administrator (Stantec) and subconsultants from 10/01/2020 to 12/31/2020.
- Conducted conference calls with Todd Groundwater:
 - 10/05/2020 – reviewed agenda and sustainability criteria strategy
 - 10/09/2020 – discussed data request strategy
 - 11/13/2020 – discussed schedule and climate change projections
 - 12/04/2020 – discussed contact info and depth to bedrock with Geoscience
 - 12/11/2020 – reviewed revised sustainability criteria

GSP Development

Estimated Percent Complete: 40%

Task 1: Previously Completed Studies

Estimated Percent Complete: 100%

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

Estimated Percent Complete: 4%

Task 3: BCGSA Data Management System (DMS)

Estimated Percent Complete: 68%

- Updated SharePoint site documents on 11/13/2020 and 12/04/2020.

Task 4: GSP Development

Estimated Percent Complete: 28%

- Todd Groundwater prepared draft sections of the GSP:
 - Continued Water Budget data analysis, including finalizing watershed soil moisture balances and surface water flow, future water budget component estimation, researching changes to water supply resulting from climate change, writing draft water budget methodologies, and draft chapter preparation.
 - Continued model construction tasks including recharge input development and revisions, refining model geometry and parameterization, analyzing outflows, assessing future water demands, and calibration.
 - Ongoing sustainability criteria development and drafting Sustainability Criteria chapter of GSP.
 - Assessing monitoring plan components and refining Monitoring Plan GSP chapter.
- Stantec developed an initial list of potential projects and management actions (12/07/2020).
- Prepared materials and conducted BCGSA Staff meetings and technical workshops (meeting summaries are included in Appendix C):
 - 10/08/2020 – Staff meeting to review sustainability criteria requirements and discuss initial sustainability criteria considerations for the BCGSA.
 - 11/12/2020 – Staff meeting to present an overview of sustainability criteria recommendations.
 - 11/19/2020 – Technical workshop to discuss sustainability goal and recommendations.
 - 12/10/2020 – Staff meeting to review water quality and interconnected surface water minimum thresholds and measurable objectives, introduce topic of projects and management actions.

Stakeholder Engagement

Estimated Percent Complete: 44%

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):
 - 11/19/2020; eligible topics discussed: Administrator’s GSP development update

Construction/Implementation

Estimated Percent Complete: 5%

Task 6: Monitoring Well Equipment Installation

Estimated Percent Complete: 3%

Task 7: New Monitoring Wells

Estimated Percent Complete: 2%

Task 8: Project Monitoring Plan

Estimated Percent Complete: 0%

Major activities for next reporting period:

Todd Groundwater will continue to work on technical chapters of the GSP and we expect to publish draft sections on the BCGSA website in the next reporting period (announcing the new addition and inviting comment via email). The BCGSA expects to progress with Geoscience on CEQA compliance, new monitoring well design, bid documents, and drilling contractor selection. Babcock Laboratories will complete baseline water quality sampling.

Status of Grant Invoicing
Reporting Period: Inception to Date through 12/31/2020

Category	Grant Allocation			Local Contribution	Grant	Retention Withheld	Net Grant \$ to be Paid	Paid to Date
	Local Contribution	Grant Share	Total Invoiced					
(A) Grant Administration	125,000	150,000	69,732	69,732	-	-	-	-
(B) GSP Development	725,500	675,000	663,600	663,600	-	-	-	-
(C) Stakeholder Engagement	24,500	50,000	60,650	24,500	36,150	3,615	32,535	26,400
(D) Construction/Implementation	125,000	125,000	2,673	2,673	-	-	-	-
	1,000,000	1,000,000	796,654	760,504	36,150	3,615	32,535	26,400

