



December 18, 2019
Project 16134

Mr. Brandon Coleman, P.E.
City of Boulder
1739 Broadway
Boulder, CO 80302

**Re: South Boulder Creek Regional Detention Phase I Preliminary Design Project
Conceptual Design Activities
P.O. 2016000816
Progress Report No. 22**

Dear Mr. Coleman:

Attached is our Progress Report No. 22 and invoice number 53957 for work performed for conceptual design activities on the referenced project.

Please do not hesitate to contact me if you have any questions or comments.

Sincerely,

RJH CONSULTANTS, INC.



Robert J. Huzjak, P.E.
Project Manager

RJH/tjp

Attachments: As stated above

SEE PAGE 4 FOR APPROVAL

**SOUTH BOULDER CREEK REGIONAL DETENTION PRELIMINARY DESIGN PROJECT
PROGRESS REPORT NO. 22**

Task 1 – Project Management

- Managed and coordinated work.
- Prepared invoice and monthly progress report.

Task 2 – Project Meetings

- Prepared for project conference calls and meetings.
- Participated in project conference calls on November 20 and December 9 and 11, 2019.

Task 3 – Geotechnical Investigations

- No work performed on this task.

Task 4 – Groundwater Modeling

- No work performed on this task.

Task 5 – Environmental Permitting

- No work performed on this task.

Task 6 – Concept Development and Evaluation

- Performed hydraulic modeling and continued concept layouts.
- Began to develop cost estimates.
- Began to prepare summary memorandum and figures.

Task 7 – Surveying and Base Map Development

- No work performed on this task.

Task 8 – Landscape Architecture

- No work performed on this task.



RJH Consultants, Inc.

9800 Mt. Pyramid Ct., Suite 330
Englewood, CO 80112-2668
Tel: 303-225-4611 Fax: 303-225-4615
info@rjh-consultants.com
http://www.rjh-consultants.com

Invoice

City of Boulder
1777 Broadway
P.O. Box 791
Boulder, CO 80306

Invoice Date: Dec 18, 2019
Invoice Num: 53957
PO #: 2019000573

16134-South Boulder Creek:

For professional services rendered on the above referenced project for the period November 17, 2019 to December 14, 2019

<u>Professional Services</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Grade 8: Robert J. Huzjak	15.00	\$234.00	\$3,510.00
Grade 5: Eric M. Hahn	65.50	\$177.00	\$11,593.50
Grade 2: Samantha M. Guillies	57.50	\$121.00	\$6,957.50
Grade 1: Brittany J. Kaminky	3.00	\$111.00	\$333.00
Michael J. Bianchini	19.00	\$111.00	\$2,109.00
CAD Designer: Clint N. Davis	18.00	\$112.00	\$2,016.00
	Total Service Amount:		\$26,519.00
Subconsultants DHI Water & Environment, Inc.			\$3,630.00
	Total Subconsultant Expenses:		\$3,630.00
	Total Amount Due:		\$30,149.00

This invoice is due on 1/17/2020

SOUTH BOULDER CREEK REGIONAL DETENTION - PHASE I CONCEPTUAL DESIGN

PROGRESS PAYMENT SUMMARY

Progress Report No. 22

Task	Description	Amount Invoiced This Period	Amount Previously Invoiced	Total Billed To Date	Total Budget ⁽¹⁾	Remaining Budget
1	Project Management	\$ 2,851.50	\$ 109,028.84	\$ 111,880.34	\$ 122,400.00	\$ 10,519.66
2	Project Meetings	\$ 2,263.50	\$ 127,631.74	\$129,895.24	\$ 139,000.00	\$ 9,104.76
3	Geotechnical Investigations	\$ -	\$ 728,562.53	\$728,562.53	\$ 731,800.00	\$ 3,237.47
4	Groundwater Modeling	\$ -	\$ 9,088.00	\$9,088.00	\$ 9,100.00	\$ 12.00
5	Environmental Permitting	\$ -	\$ 38,778.96	\$ 38,778.96	\$ 49,300.00	\$ 10,521.04
6	Concept Development and Evaluation	\$ 25,034.00	\$ 727,425.39	\$752,459.39	\$ 760,200.00	\$ 7,740.61
7	Surveying and Base Map Development	\$ -	\$ 47,430.00	\$ 47,430.00	\$ 47,400.00	\$ (30.00)
8	Landscape Architecture	\$ -	\$ 2,391.00	\$2,391.00	\$ 2,400.00	\$ 9.00
TOTALS		\$30,149.00	\$1,790,336.46	\$1,820,485.46	\$ 1,861,600.00	\$41,114.54

Notes:

1. Initial budget plus approved Change Request Numbers 1,2,3,5,6 and 7.

Amount to be Paid: \$30,149.00

Munis PO#: 2019000829

ORG#: 61090040 OBJ#: 6505720

Project#: 610SW0040

Phase#: _____

Approver's Name: Brandon Coleman

Date: 3/5/2020 EEID#: _____

PROGRESS REPORT 22

		Task 1		Task 2		Task 3		Task 4		Task 5		Task 6		Task 7		Task 8		Total	
		Project Management		Project Meetings		Geotechnical Investigations		Groundwater Modeling		Environmental Permitting		Concept Development and Evaluation		Surveying and Base Map Development		Landscape Architecture			
		Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Grade 8	\$ 234	5	\$ 1,170.00	4	\$ 936.00		\$ -		\$ -		\$ -	6	\$ 1,404.00		\$ -		\$ -	15	\$ 3,510.00
Grade 7	\$ 217		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Grade 6	\$ 191		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Grade 5	\$ 177	9.5	\$ 1,681.50	7.5	\$ 1,327.50		\$ -		\$ -		\$ -	48.5	\$ 8,584.50		\$ -		\$ -	65.5	\$ 11,593.50
Grade 4	\$ 147		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Grade 3	\$ 132		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Grade 2	\$ 121		\$ -		\$ -		\$ -		\$ -		\$ -	57.5	\$ 6,957.50		\$ -		\$ -	57.5	\$ 6,957.50
Grade 1	\$ 111		\$ -		\$ -		\$ -		\$ -		\$ -	22	\$ 2,442.00		\$ -		\$ -	22	\$ 2,442.00
CAD	\$ 112		\$ -		\$ -		\$ -		\$ -		\$ -	18	\$ 2,016.00		\$ -		\$ -	18	\$ 2,016.00
Admin	\$ 87		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Subtotal		14.5	\$ 2,851.50	11.5	\$ 2,263.50	0.00	\$ -	0.00	\$ -		\$ -	152	\$ 21,404.00		\$ -		\$ -	178	\$ 26,519.00
RJH Expenses																			\$ -
RJH Total			\$ 2,851.50		\$ 2,263.50		\$ -		\$ -		\$ -		\$ 21,404.00		\$ -		\$ -		\$ 26,519.00
Subconsultants																			
Muller							\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
CORVUS	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Flatirons	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
ATT	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Elite Drilling	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
DHI	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ 3,630.00		\$ -		\$ -		\$ 3,630.00
Architerra	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Kimley Horn	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Unique Traffic	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Subconsults Total			\$ -		\$ -		\$ -		\$ -		\$ -		\$ 3,630.00		\$ -		\$ -		\$ 3,630.00
Total																			
Grand Total			\$ 2,851.50		\$ 2,263.50		\$ -		\$ -		\$ -		\$ 25,034.00		\$ -		\$ -		\$ 30,149.00

Payment Address:
 City of Boulder
 RJH Consultants, Inc.
 9800 Mt. Pyramid Court, Suite 330
 Englewood, CO 80112

RJH Consultants, Inc.
Approved for Payment

Acct. No. 16134 / 2006
 By: EMIT
 Date: 12/4/19



DHI Water & Environment, Inc
 141 Union Blvd.
 Suite 250
 Lakewood, CO, 80228
 USA

T +1 303 937 4488
 F +1 720 500 3748
 amrh@dhigroup.com
 www.dhigroup.com

VAT No.: 23-2904467

INVOICE

Customer No.: 1015004

Invoice No.: **41417328**
 Date: 11/29/2019
 Project No.: 41804806
 Our Ref.: Steve Blake
 Your Ref.:
 Project Name: South Boulder Creek Flood Detention Preliminary Design

Description	Quantity	Unit price	Amount
September-October 2019			
Design Iteration and Simulations: Ian M. Dubinski	1.00	195.00	195.00
Design Iteration and Simulations Total			195.00
Development of the CEM: Ebrahim Ahmadisharaf Michael Allen Bell	1.00 10.00	165.00 160.00	165.00 1,600.00
Development of the CEM Total			1,765.00
Project Reporting and Analysis: Ebrahim Ahmadisharaf Steve Blake	1.00 7.00	165.00 215.00	165.00 1,505.00
Project Reporting and Analysis Total			1,670.00
Total		USD	3,630.00

Payment Terms: 30 days net / Due Date: 12/29/2019

If you have any questions regarding your account, please contact Amber Huxohl at 720.642.9494 or amrh@dhigroup.com
 Please send checks to DHI Water & Environment, Inc. 141 Union Blvd #250, Lakewood, CO 80228
 For electronic payments Wells Fargo Bank 1300 SW 5th Ave, Portland, OR 97201 ABA/ SWIFT 121000248 Account 3145311118

The expert in WATER ENVIRONMENTS



DHI Water & Environment, Inc
 141 Union Blvd., Suite 250
 Lakewood, CO 80228

City of Boulder
 RJH Consultants, Inc.
 9800 Mt. Pyramid Court, Ste 330
 Englewood, CO 80112

Date: November 13, 2019
 Invoice #: 41804806
 DHI Project #:

Project Invoice Summary

Task #	Description	Percent Complete	Authorized Amount	Current Invoice Amount	Previously Invoiced	Remaining Amount	Total billings to date	Percent Billed
	1. Development of the Corrected Effective Model		56,200.00	1,765.00	11,700.00	42,735.00	13,465.00	23.96%
	2. Design Iteration and Simulations (Modeling)		121,100.00	195.00	195.00	120,710.00	390.00	0.32%
	3. Sedimentation Analysis		15,100.00		2,242.50	12,857.50	2,242.50	14.85%
	4. Requirements for the support of the ACEM		32,600.00			32,600.00	-	0.00%
	5. Project Reporting and Analysis		50,000.00	1,670.00	10,229.50	38,100.50	11,899.50	23.80%
	Other Cost				53.85			
	Total		275,000.00	3,630.00	24,420.85	247,003.00	27,997.00	

Project No.	Date	Task	Description	Employee No.	Quantity	Reg.	Amount Recognized, Base
41804806	9/12/2019	Dsgnt	Design Iteration and Simulations	imd	1		195
41804806	10/31/2019	Dvlpm	Development of the CEM	ebr	1		165
41804806	9/4/2019	Dvlpm	Development of the CEM	mlab	2		320
41804806	9/5/2019	Dvlpm	Development of the CEM	miab	2		320
41804806	9/9/2019	Dvlpm	Development of the CEM	miab	3		480
41804806	9/12/2019	Dvlpm	Development of the CEM	miab	1		160
41804806	9/13/2019	Dvlpm	Development of the CEM	mlab	2		320
41804806	9/17/2019	Prjct	Project Reporting and Analysis	ebr	1		165
41804806	9/9/2019	Prjct	Project Reporting and Analysis	shb	1		215
41804806	9/10/2019	Prjct	Project Reporting and Analysis	shb	1		215
41804806	9/11/2019	Prjct	Project Reporting and Analysis	shb	1		215
41804806	9/12/2019	Prjct	Project Reporting and Analysis	shb	1		215
41804806	9/23/2019	Prjct	Project Reporting and Analysis	shb	1		215
41804806	9/24/2019	Prjct	Project Reporting and Analysis	shb	1		215
41804806	9/27/2019	Prjct	Project Reporting and Analysis	shb	1		215

3630