



November 20, 2019  
Project 16134

Mr. Brandon Coleman  
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. 21**

Dear Mr. Coleman:

Attached is our Progress Report No. 21 and invoice number 53911 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 5 FOR APPROVAL**

**SOUTH BOULDER CREEK REGIONAL DETENTION PRELIMINARY DESIGN PROJECT  
PROGRESS REPORT NO. 21**

**Task 1 – Project Management**

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

**Task 2 – Project Meetings**

- Participated in project conference calls on October 23 and 30, 2019.
- Participated in a project meeting on October 16, 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**

- Coordinated hydraulic modeling and continued concept layouts.

**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

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

**Invoice**

Invoice Date: Nov 20, 2019  
Invoice Num: 53911  
PO #: 2019000573

**16134-South Boulder Creek:**

For professional services rendered on the above referenced project for the period October 13, 2019 to November 16, 2019

**Professional Services**

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
<b>Grade 8:</b>			
Robert J. Huzjak	5.00	\$234.00	\$1,170.00
<b>Grade 5:</b>			
Eric M. Hahn	42.00	\$177.00	\$7,434.00
<b>Grade 2:</b>			
Adam T. Merook	1.00	\$121.00	\$121.00
Samantha M. Guillies	31.00	\$121.00	\$3,751.00
<b>CAD Designer:</b>			
Clint N. Davis	22.50	\$112.00	\$2,520.00
<b>Admin/WP:</b>			
Derek R. Staudt	1.50	\$87.00	\$130.50
Mandy M. Elliott	1.50	\$87.00	\$130.50
Tiffany J. Patrick	0.50	\$87.00	\$43.50
<b>Total Service Amount:</b>			<b>\$15,300.50</b>

**Subconsultants**

DHI Water & Environment, Inc.

	<u>Amount</u>
DHI Water & Environment, Inc.	\$8,760.00
<b>Total Subconsultant Expenses:</b>	<b>\$8,760.00</b>

**Total Amount Due: \$24,060.50**

*This invoice is due on 12/20/2019*

PROGRESS REPORT 21

	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	\$ -	4.5	\$ 1,053.00		\$ -		\$ -		\$ -	0.5	\$ 117.00		\$ -		\$ -	5	\$ 1,170.00
Grade 7	\$ 217	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Grade 6	\$ 191	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Grade 5	\$ 177	\$ 1,504.50	8.5	\$ 2,478.00		\$ -		\$ -		\$ -	19.5	\$ 3,451.50		\$ -		\$ -	42	\$ 7,434.00
Grade 4	\$ 147	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Grade 3	\$ 132	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Grade 2	\$ 121	\$ -		\$ -		\$ -		\$ -		\$ -	32	\$ 3,872.00		\$ -		\$ -	32	\$ 3,872.00
Grade 1	\$ 111	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
CAD	\$ 112	\$ -		\$ -		\$ -		\$ -		\$ -	22.5	\$ 2,520.00		\$ -		\$ -	22.5	\$ 2,520.00
Admin	\$ 87	\$ 304.50		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	3.5	\$ 304.50
Subtotal	12	\$ 1,809.00	18.5	\$ 3,531.00	0.00	\$ -	0.00	\$ -		\$ -	74.5	\$ 9,960.50		\$ -		\$ -	105	\$ 15,300.50
R/H Expenses																		
R/H Total		\$ 1,809.00		\$ 3,531.00		\$ -		\$ -		\$ -		\$ 9,960.50		\$ -		\$ -		\$ 15,300.50
Subconsultants																		
Muller																		
CORVUS																		
Flatirons																		
ATT																		
Elite Drilling																		
DHI																		
Archterra																		
Kimley Horn																		
Unique Traffic																		
Subconsults Total																		
Grand Total		\$ 1,809.00		\$ 3,531.00		\$ -		\$ -		\$ -		\$ 18,720.50		\$ -		\$ -		\$ 24,060.50

SOUTH BOULDER CREEK REGIONAL DETENTION - PHASE I CONCEPTUAL DESIGN

PROGRESS PAYMENT SUMMARY

Progress Report No. 21

Task	Description	Amount Invoiced This Period	Amount Previously Invoiced	Total Billed To Date	Total Budget <sup>(1)</sup>	Remaining Budget
1	Project Management	\$ 1,809.00	\$ 106,177.34	\$ 107,986.34	\$ 122,400.00	\$ 14,413.66
2	Project Meetings	\$ 3,531.00	\$ 125,368.24	\$128,899.24	\$ 139,000.00	\$ 10,100.76
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	\$ 18,720.50	\$ 702,391.39	\$721,111.89	\$ 760,200.00	\$ 39,088.11
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
<b>TOTALS</b>		<b>\$24,060.50</b>	<b>\$1,760,187.46</b>	<b>\$1,784,247.96</b>	<b>\$ 1,861,600.00</b>	<b>\$77,352.04</b>

Notes:

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

Amount to be Paid: \$24,060.50

Munis PO#: 2019000829

ORG#: 61090040 OBJ#: 650720

Project#: 610SW00400

Phase#: \_\_\_\_\_

Approver's Name: Brandon Coleman

Date: 12/19/2019 EEID#: \_\_\_\_\_





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**

Payment Address:  
 RJH Consultants  
 9800 Pyramid Ct #330  
 Englewood, CO 80112

**RJH Consultants, Inc.  
 Approved for Payment**

Acct. No. 16134/2006  
 By: EMH  
 Date: 11/15/19

Customer No.: 1015004

Invoice No.: **41417313**  
 Date: 11/14/2019  
 Project No.: 41804806-01  
 Our Ref.: Steve Blake  
 Your Ref.:  
 Project Name: Add. Services for CD/PD

Description	Quantity	Unit price	Amount
September-October 2019			
Add. Analysis and Development: Ebrahim Ahmadisharaf Ian M. Dubinski	12.00 21.00	145.00 195.00	1,740.00 4,095.00
<b>Add. Analysis and Development Total</b>			<b>5,835.00</b>
Modeling Add. Alternatives: Ian M. Dubinski	6.00	195.00	1,170.00
<b>Modeling Add. Alternatives Total</b>			<b>1,170.00</b>
Reporting and Meetings: Ian M. Dubinski	9.00	195.00	1,755.00
<b>Reporting and Meetings Total</b>			<b>1,755.00</b>
<b>Total</b>		<b>USD</b>	<b>8,760.00</b>

Payment Terms: 30 days net / Due Date: 12/14/2019

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 #: 41804806-01  
 DHI Project #:

**Project Invoice Summary**

Task #	Description	Percent Complete	Authorized Amount	Current Invoice Amount	Previously Invoiced	Remaining Amount	Total billings to date	Percent Billed
			17,400.00			17,400.00		0.00%
	Add. Analysis and Development			5,835.00		(5,835.00)	5,835.00	#DIV/0!
	Modeling Add. Alternatives			1,170.00		(1,170.00)	1,170.00	#DIV/0!
	Reporting and Meetings			1,755.00		(1,755.00)	1,755.00	#DIV/0!
						-	-	#DIV/0!
	<b>Total</b>		<b>17,400.00</b>	<b>8,760.00</b>	<b>-</b>	<b>8,640.00</b>	<b>8,760.00</b>	

Project No.	Date	Task	Description	Employee No.	Quantity	Reg.	Amount Recognized, Base	Daily Description
41804806-0	10/4/2019	Add.n	Add. Analysis and Development	ebra	4		580	
41804806-0	10/8/2019	Add.n	Add. Analysis and Development	ebra	4		580	
41804806-0	10/30/2019	Add.n	Add. Analysis and Development	ebra	2		290	
41804806-0	10/31/2019	Add.n	Add. Analysis and Development	ebra	2		290	
41804806-0	9/18/2019	Add.n	Add. Analysis and Development	lmd	4		780	Intermediate hydrograph dev
41804806-0	9/30/2019	Add.n	Add. Analysis and Development	lmd	2		390	Followup work from call last friday
41804806-0	10/3/2019	Add.n	Add. Analysis and Development	lmd	4		780	Revised 200YSPD runs post-process and slides to RJH
41804806-0	10/16/2019	Add.n	Add. Analysis and Development	lmd	1		195	Scenario 200YSPD CD4LR
41804806-0	10/18/2019	Add.n	Add. Analysis and Development	lmd	2		390	Scenario 200YSPD CD4LR results
41804806-0	10/21/2019	Add.n	Add. Analysis and Development	lmd	4		780	Scenarios fo Wed Meeting
41804806-0	10/22/2019	Add.n	Add. Analysis and Development	lmd	4		780	Scenarios fo Wed Meeting
41804806-0	9/16/2019	Mding	Modeling Add. Alternatives	lmd	2		390	var1 500 op2
41804806-0	9/18/2019	Mding	Modeling Add. Alternatives	lmd	1		195	200y var1
41804806-0	10/11/2019	Mding	Modeling Add. Alternatives	lmd	2		390	200YSPD with no CU Fill
41804806-0	10/15/2019	Mding	Modeling Add. Alternatives	lmd	1		195	No Fill scenario for Wed meeting
41804806-0	9/17/2019	Rprtn	Reporting and Meetings	lmd	2		390	reporting results
41804806-0	9/19/2019	Rprtn	Reporting and Meetings	lmd	2		390	reporting results
41804806-0	9/27/2019	Rprtn	Reporting and Meetings	lmd	1		195	call with RJH discussing recent runs
41804806-0	10/16/2019	Rprtn	Reporting and Meetings	lmd	2		390	Meeting with CoB and UFCD
41804806-0	10/23/2019	Rprtn	Reporting and Meetings	lmd	2		390	Meeting UDFCD and CoB

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