



October 16, 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
Preliminary Design Activities
P.O. 2016000816
Progress Report No. 04**

Dear Mr. Coleman:

Attached is our Progress Report No. 04 and invoice number 53868 for work performed for preliminary design activities on the referenced project.

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

Sincerely,

RJH CONSULTANTS, INC.

A handwritten signature in blue ink, appearing to read 'RJH' or similar initials, is written over the printed name of Robert J. Huzjak.

for Robert J. Huzjak, P.E.
Project Manager

RJH/tjp

Attachments: As stated above

SEE PAGE 6 FOR APPROVAL

**SOUTH BOULDER CREEK REGIONAL DETENTION PRELIMINARY DESIGN PROJECT
PROGRESS REPORT NO. 04**

Task 1 – Project Management

- Managed and coordinated work.
- Prepared invoice and monthly progress report.
- Updated the project schedule.

Task 2 – Project Meetings

- Participated in project conference calls on September 18 and 25, 2019 and on October 2, 2019.
- Participated in a project scheduling meeting on October 7, 2019.

Task 3 – Geotechnical Investigations

- Continued preparation of permit requests and requests to obtain access to perform geotechnical investigations from CU, CDOT, and OSMP.
- Collected data from Phase I monitoring wells.
- Performed site visits to evaluate accessibility to borings.
- Continued preparation for geophysical survey and geotechnical investigations.

Task 4 – Groundwater Modeling

- Participated in a meeting with City water resources staff and OSMP on September 24, 2019.
- Began developing preliminary groundwater baseline model.

Task 5 – Environmental Permitting

- No work performed on this task.

Task 7 – Surveying and Base Map Development

- No work performed on this task.

Task 9 – Preliminary Design Evaluations

- No work performed on this task.

Task 10 – Preliminary Design Documents

- This task has not been authorized.

Task 11 – Alternate Corrected Effective Model

- No work performed on this task.

Task 12 – Miscellaneous Instrumentation

- No work performed on this task.

Task 13 – Acoustic Engineering

- 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: Oct 16, 2019
Invoice Num: 53868
PO #: 2019000573

16134-South Boulder Creek:

For professional services rendered on the above referenced project for the period September 15, 2019 to October 12, 2019

<u>Professional Services</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Grade 8:			
Robert J. Huzjak	19.00	\$234.00	\$4,446.00
Rodney W. Eisenbraun	12.50	\$234.00	\$2,925.00
Grade 5:			
Adam B. Prochaska	9.50	\$177.00	\$1,681.50
Eric M. Hahn	40.00	\$177.00	\$7,080.00
Grade 3:			
Jacquelyn N. Hagbery	65.50	\$132.00	\$8,646.00
Grade 2:			
Samantha M. Guillies	106.50	\$121.00	\$12,886.50
Grade 1:			
Audrie P. Hillis	16.00	\$111.00	\$1,776.00
Jacob R. Weems	4.50	\$111.00	\$499.50
CAD Designer:			
Clint N. Davis	1.00	\$112.00	\$112.00
Admin/WP:			
Derek R.-Staudt	2.50	\$87.00	\$217.50
	Total Service Amount:		\$40,270.00
Expenses	Units	Rate	Amount
Proj-Mileage	380.00	\$0.58	\$220.40
Proj-Miscellaneous			\$3.76
	Total Expenses:		\$224.16
Subconsultants			Amount
DHI Water & Environment, Inc.			\$2,030.00
	Total Subconsultant Expenses:		\$2,030.00
	Total Amount Due:		\$42,524.16

This invoice is due on 11/15/2019

PROGRESS REPORT 4

Grade	Rate	Task 1		Task 2		Task 3		Task 4		Task 5		Task 7		Task 9		Total	
		Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Grade 8	\$ 234	12	\$ 2,808.00	12.5	\$ 2,925.00	2.5	\$ 585.00	4.5	\$ 1,053.00		\$ -		\$ -		\$ -	31.5	\$ 7,371.00
Grade 7	\$ 217		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Grade 6	\$ 191		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Grade 5	\$ 177	20	\$ 3,540.00	11.5	\$ 2,035.50	2	\$ 354.00	16	\$ 2,832.00		\$ -		\$ -		\$ -	49.5	\$ 8,761.50
Grade 4	\$ 147		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -
Grade 3	\$ 132		\$ -		\$ -	23	\$ 3,036.00	42.5	\$ 5,610.00		\$ -		\$ -		\$ -	65.5	\$ 8,646.00
Grade 2	\$ 121		\$ -		\$ -	104	\$ 12,584.00	2.5	\$ 302.50		\$ -		\$ -		\$ -	106.5	\$ 12,886.50
Grade 1	\$ 111		\$ -		\$ -	14.5	\$ 1,609.50	6	\$ 666.00		\$ -		\$ -		\$ -	20.5	\$ 2,275.50
CAD	\$ 112		\$ -		\$ -	1	\$ 112.00		\$ -		\$ -		\$ -		\$ -	1	\$ 112.00
Admin	\$ 87		\$ -	2.5	\$ 217.50		\$ -		\$ -		\$ -		\$ -		\$ -	2.5	\$ 217.50
Subtotal		32.0	\$ 6,348.00	26.5	\$ 5,178.00	147.0	\$ 18,280.50	71.5	\$ 10,463.50		\$ -	0.0	\$ 0.0		\$ -	277.0	\$ 40,270.00
RIH Expenses			\$ -		\$ 32.03		\$ 160.11		\$ 32.02		\$ -		\$ -		\$ -		\$ 224.16
RIH Total			\$ 6,348.00		\$ 5,210.03		\$ 18,440.61		\$ 10,495.52		\$ -		\$ -		\$ -		\$ 40,494.16
Subconsultants																	
Muller																	
CORVUS																	
Flatirons																	
ATT																	
Elite Drilling																	
DHI																	
Architera														\$ 2,030.00			\$ 2,030.00
Lithos																	
Unique Traffic																	
Subconsults Total			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ 2,030.00		\$ 2,030.00
Total																	
Grand Total			\$ 6,348.00		\$ 5,210.03		\$ 18,440.61		\$ 10,495.52		\$ -		\$ -		\$ 2,030.00		\$ 42,524.16

SOUTH BOULDER CREEK REGIONAL DETENTION - PHASE I PRELIMINARY DESIGN

PROGRESS PAYMENT SUMMARY

Progress Report No. 4

Task	Description	Amount Invoiced This Period	Amount Previously Invoiced	Total Billed To Date	Budget ⁽¹⁾	Remaining Budget
1	Project Management	\$ 6,348.00	\$ 11,332.50	\$ 17,680.50	\$ 72,800.00	\$ 55,119.50
2	Project Meetings	\$ 5,210.03	\$ 1,596.00	\$ 6,806.03	\$ 95,400.00	\$ 88,593.97
3	Geotechnical Investigations	\$ 18,440.61	\$ 50,366.37	\$ 68,806.98	\$ 664,200.00	\$ 595,393.02
4	Groundwater Modeling	\$ 10,495.52	\$ 12,790.50	\$ 23,286.02	\$ 183,900.00	\$ 160,613.98
5	Environmental Permitting	\$ -	\$ -	\$ -	\$ 117,200.00	\$ 117,200.00
7	Surveying and Base Map Development	\$ -	\$ -	\$ -	\$ 6,600.00	\$ 6,600.00
9	Preliminary Design Evaluations	\$ 2,030.00	\$ 26,760.85	\$ 28,790.85	\$ 912,600.00	\$ 883,809.15
10	Preliminary Design Documents	\$ -	\$ -	\$ -		\$ -
11	Alternate Corrected Effective Model	\$ -	\$ -	\$ -	\$ 241,000.00	\$ 241,000.00
12	Miscellaneous Instrumentation	\$ -	\$ -	\$ -	\$ 46,000.00	\$ 46,000.00
13	Acoustic Engineering	\$ -	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00
TOTALS		\$ 42,524.16	\$ 102,846.22	\$ 145,370.38	\$ 2,354,700.00	\$ 2,209,329.62

Notes:

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

Amount to be Paid: <u>\$42,524.16</u>
Munis PO#: <u>2019000573</u>
ORG#: <u>61090040</u> OBJ#: <u>650720</u>
Project#: <u>610SW01800</u>
Phase#: _____
Approver's Name: <u>Brandon Coleman</u>
Date: <u>12/19/2019</u> EEID#: _____

Due Oct 121



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

Customer No.: 1015004

Invoice No.: 41417224
Date: 10/15/2019
Project No.: 41804806
Our Ref.: Steve Blake
Your Ref.:
Project Name: South Boulder Creek Flood Detention Preliminary Design

Description	Quantity	Unit price	Amount
Period: 8/01-08/31/19			
Development of the CEM: Ian M. Dubinski	4.00	195.00	780.00
Project Reporting and Analysis: Ian M. Dubinski	2.00	195.00	390.00
Steve Blake	4.00	215.00	860.00
Total		USD	2,030.00

RJH Consultants, Inc.
Approved for Payment

Acct. No. 16134 / 3009
By: EMH
Date: 10/20/19

Payment Terms: 30 days net / Due Date: 11/15/2019

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

RJH Consultants, Inc.

9800 Mt. Pyramid Ct., Suite 330
 Englewood, CO 80112-2668
 Tel: 303-225-4611 Fax: 303-225-4615

Expense Detail by Project with Memos

Printed on: 10/10/2019

Page 1 of 1

Filters Used:

- Expense Log Employee ID: 025 to 025
- Expense Log Date: 10/9/2019 to 10/9/2019 *enc*

Project ID-Name: 16134-South Boulder Creek:16134/3002 - 16134/3002-ProjectMeetings (Rodney Eisenbraun)

Client ID: **City of Boulder** - City of Boulder

* [icon] = Invoiced (mouse over for #), [icon] = Marked as Billed

Date	Employee ID	Description	Units	Cost	Reimb	Paid	MU %	Amount	*
10/9/2019	025	Proj-Mileage	90.00	\$52.20			0.00	\$52.20	*
Billable Total:			90.00	\$52.20				\$52.20	
16134-South Boulder Creek:16134/3002 Total:			90.00	\$52.20				\$52.20	
Grand Billable Total:			90.00	\$52.20				\$52.20	

Company Vehicle
RJH Consultants, Inc.
Approved for Payment

Acct. No. 16134 / 3002

By: *h*

Date: *10/11*

RJH Consultants, Inc.

9800 Mt. Pyramid Ct., Suite 330
 Englewood, CO 80112-2668
 Tel: 303-225-4611 Fax: 303-225-4615

Expense Detail by Project with Memos

Printed on: 10/8/2019

Page 1 of 2

Filters Used:

- Expense Log Employee ID: 062 to 062
- Expense Log Date: 10/4/2019 to 10/4/2019 *Samantha*

Project ID-Name: 16134-South Boulder Creek:16134/3003 - 16134/3003-GeotechInvestigations(Rodney Eisenbraun)

Client ID: **City of Boulder** - City of Boulder

* = Invoiced (mouse over for #), = Marked as Billed

Date	Employee ID	Description	Units	Cost	Reimb	Paid	MU %	Amount	*
10/4/2019	062	Proj-Mileage	86.00	\$49.88			0.00	\$49.88	*
		<i>10/3/19 : Site visit to stake phase II boring locations</i>							
		Billable Total:	<u>86.00</u>	<u>\$49.88</u>				<u>\$49.88</u>	
		16134-South Boulder Creek:16134/3003 Total:	<u>86.00</u>	<u>\$49.88</u>				<u>\$49.88</u>	

Company Vehicle

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

Acct. No. 16134/3003

By: EMIT

Date: 10/12/19

RJH Consultants, Inc.

9800 Mt. Pyramid Ct., Suite 330
 Englewood, CO 80112-2668
 Tel: 303-225-4611 Fax: 303-225-4615

Expense Detail by Project with Memos

Printed on: 9/27/2019

Page 1 of 1

Filters Used:

- Expense Log Employee ID: 090 to 090
- Expense Log Date: 9/19/2019 to 9/19/2019 *Audrie*

Project ID-Name: 16134-South Boulder Creek:16134/3003 - 16134/3003-GeotechInvestigations(Rodney Eisenbraun)

Client ID: **City of Boulder** - City of Boulder

* = Invoiced (mouse over for #), = Marked as Billed

Date	Employee ID	Description	Units	Cost Reimb	Paid	MU %	Amount	*
9/19/2019	090	Proj-Mileage 9/10 through 9/11 field visit	204.00	\$118.32		0.00	\$118.32	*
Billable Total:			204.00	\$118.32			\$118.32	
16134-South Boulder Creek:16134/3003 Total:			204.00	\$118.32			\$118.32	
Grand Billable Total:			204.00	\$118.32			\$118.32	

RJH Consultants, Inc.
Approved for Payment

Acct. No. 16134/3003
 By: EMH
 Date: 9/27/19

RJH Consultants, Inc.

9800 Mt. Pyramid Ct., Suite 330
 Englewood, CO 80112-2668
 Tel: 303-225-4611 Fax: 303-225-4615

Expense Detail by Project with Memos

Printed on: 9/27/2019
 Page 1 of 2

Filters Used:

- Expense Log Employee ID: 025 to 025
- Expense Log Date: 9/24/2019 to 9/24/2019 *Eric*

Project ID-Name: 16134-South Boulder Creek:16134/3004 - 16134/3004-GroundwaterModeling (Rodney Eisenbraun)

Client ID: City of Boulder - City of Boulder

*☒ = Invoiced (mouse over for #), ✍ = Marked as Billed

Date	Employee ID	Description	Units	Cost	Reimb	Paid	MU %	Amount	*
9/24/2019	025	Proj-Miscellaneous <i>Parking for meetings</i>	1.00	\$3.76	Y		0.00	\$3.76	*
Billable Total:			1.00	\$3.76				\$3.76	
16134-South Boulder Creek:16134/3004 Total:			1.00	\$3.76				\$3.76	

RJH Consultants, Inc.
 Approved for Payment

Acct. No. 16134 / 3004
 By: *[Signature]*
 Date: 9/30

KEEP RECEIPT AS PROOF OF PURCHASE



City of Boulder
VALID ONLY - CITY OF BOULDER METERS

Valid Until:

1:23 PM MON
SEP 23 2019

AMOUNT: \$1.88C TXN #92900
ARRIVAL TIME: 9/23/2019 10:23 AM
METER: CIVICPC-1
PLATE: 448XKM

00700287

PURCHASED TIME CAN ONLY BE USED IN THE CIVIC AREA.

KEEP RECEIPT AS PROOF OF PURCHASE



City of Boulder
VALID ONLY - CITY OF BOULDER METERS

Valid Until:

1:35 PM TUE
SEP 24 2019

AMOUNT: \$1.88C TXN #104979
ARRIVAL TIME: 9/24/2019 10:35 AM
METER: CIVICLIB-2
PLATE: BNA674

00845234

PURCHASED TIME CAN ONLY BE USED IN THE CIVIC AREA.