

**James River Water Authority
Board of Directors Meeting
181 Clubhouse Way
Zion Crossroads, Virginia
August 1, 2017
10:30 A.M.**

Regular Business Meeting of the James River Water Authority Board of Directors

- I. Call to Order**
- II. Adoption of Agenda**
- III. Items from the Public**
- IV. Approval of Minutes of Preceding Meeting**
 - a. July 11, 2017 – Regular Meeting
- V. Financial Report**
 - a. Bills Approval
 - i. MBP
- VI. Discussion/Information Items**
 - a. Discussion – Army Corps of Engineers Permit Update
- VII. Action Items**
- VIII. Consent Agenda**
- IX. Closed Meeting**
- X. Adjournment**

The James River Water Authority Board of Directors reserves the right to amend and/or change the Agenda the day of the meeting.

BY ORDER OF:
GOODMAN B. DUKE, CHAIRMAN
BOARD OF DIRECTORS
JAMES RIVER WATER AUTHORITY

**JAMES RIVER WATER AUTHORITY
BOARD OF DIRECTORS
SPRING CREEK SPORTS CLUB
181 CLUBHOUSE WAY
ZION CROSSROADS, VIRGINIA
July 12, 2017
10:30 A.M.**

Present: Goodman Duke (Chairman), Joe Chesser (Treasurer), Mark Dunning, D.D. Watson (arrived 10:33 a.m.), Steven Nichols, and Christian Goodwin

Absent: none

Others Present: Mr. Brendan Hefty, Legal Counsel (Hefty, Wiley, and Gore); Greg Krysiniaik (Faulconer Construction); Mike Knight (MBP Engineering), Doug Wylie (property owner); Eric Dahl, Wayne Stephens and Jason Smith (Fluvanna County), Pam Baughman (Louisa County Water Authority); and Joe Hines (Timmons Group)

CALL TO ORDER

Chairman Duke called the meeting of the James River Water Authority (JRWA) Board of Directors to order at 10:30 a.m. Mr. Nichols led the Board in the Pledge of Allegiance.

ADOPTION OF AGENDA

On the motion of Mr. Goodwin, seconded by Mr. Nichols, which carried by a vote of 5-0, the Board approved the agenda with the addition of the consideration of a bill from VACORP.

APPROVAL OF MINUTES OF PRECEDING MEETING

On the motion of Mr. Chesser, seconded by Mr. Dunning, which carried by a vote of 6-0, the Board approved the minutes of the June 6, 2017 meeting.

FINANCIAL REPORT

Bills as presented in the packet and addendum were considered. On the motion of Mr. Goodwin, seconded by Mr. Nichols, which passed by a vote of 6-0, the payments were approved.

Mr. Dahl noted that \$436,665.68 had been requisitioned from project debt funding.

DISCUSSION/INFORMATION ITEMS

Discussion – Army Corps of Engineers Permit Update

Mr. Goodwin reported that permit efforts were in progress, and stated that letters to Native American tribes potentially interested in participating in the historic resources study had been sent. Mr. Dunning asked if participation would be possible after the deadline for responses, and Mr. Hines said that he thought it was. Mr. Hines stated that all fieldwork had been completed with the exception of the pump station area itself. The state Department of Historic Resources will potentially consider an initial report with data on this area to be included when it is ready.

ACTION ITEMS

(none)

ADJOURNMENT

On the motion of Mr. Goodwin, seconded by Mr. Nichols, which carried by a vote of 6-0, the Board voted to adjourn the meeting at 10:41 a.m.

BY ORDER OF:

GOODMAN B. DUKE, CHAIRMAN
BOARD OF DIRECTORS
JAMES RIVER WATER AUTHORITY

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER:
James River Water Authority

PROJECT:
James River Water Project PPEA

APPLICATION #: 5
PERIOD TO: 07/31/17
PROJECT NOS: 9161

Distribution to:

<input checked="" type="checkbox"/>	Owner
<input type="checkbox"/>	Const. Mgr
<input type="checkbox"/>	Architect
<input type="checkbox"/>	Contractor

FROM CONTRACTOR:
Faulconer Construction Company, Inc.
2496 Old Ivy Rd
Charlottesville, VA 22903

VIA Engineer:
N/A

CONTRACT DATE: 01/03/17

CONTRACT FOR:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
Continuation Sheet is attached.

1. ORIGINAL CONTRACT SUM -----	\$	<u>7,938,731.00</u>
2. Net change by Change Orders -----	\$	<u>26,760.00</u>
3. CONTRACT SUM TO DATE (Line 1 +/- 2)	\$	<u>7,965,491.00</u>
4. TOTAL COMPLETED & STORED TO DATE -\$		<u>333,700.00</u>
(Column G on Continuation Sheet)		
5. RETAINAGE:		
a. 5.0% of Completed Work	\$	<u>16,685.00</u>
(Columns D+E on Continuation Sheet)		
b. 5.0% of Stored Material	\$	<u> </u>
(Column F on Continuation Sheet)		
Total Retainage (Line 5a + 5b or		
Total in Column 1 of Continuation Sheet-----	\$	<u>16,685.00</u>
6. TOTAL EARNED LESS RETAINAGE -----	\$	<u>317,015.00</u>
(Line 4 less Line 5 Total)		
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT		
(Line 6 from prior Certificate)-----	\$	<u>287,318.00</u>
8. CURRENT PAYMENT DUE -----	\$	<u>29,697.00</u>
9. BALANCE TO FINISH, INCLUDING RETAINAGE		
(Line 3 less Line 6)	\$	<u>7,648,476.00</u>

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown therein is now due.

The undersigned Contractor further certifies to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment, and subsequent Requisition to the Virginia Resources Authority, includes payments for labor or to contractors, builders or materialmen, and that such work was actually performed or such materials, supplies or equipment were actually furnished or installed in or about the Project.

CONTRACTOR (Faulconer Construction Representative):

By: _____ Date: _____

OWNER (JRWA/Fluvanna County Representative):

By: _____ Date: _____

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$23,100.00	
Total approved this Month	\$3,660.00	
TOTALS	\$26,760.00	
NET CHANGES by Change Order	\$26,760.00	

CONTINUATION SHEET

ATTACHMENT TO PAY APPLICATION

APPLICATION NUMBER: 5

PROJECT:
James River Water Project PPEA

APPLICATION DATE: 07/25/17

PERIOD TO: 31-Jul-17

ARCHITECT'S PROJECT NO: 9161

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		F Materials Presently Stored (Not In D or E)	G		H Balance To Finish (C - G)	I Retainage
			From Previous Application (D + E)	This Period		Total Completed And Stored To Date (D + E + F)	% (G/C)		
1	Pre- Construction					\$ -		\$ -	\$ -
2	Engineering	\$ 281,824	\$ 89,700	\$ 27,600		\$ 117,300	42%	\$ 164,524	\$ 5,865
3	Redesign & Additional Due Diligence	\$ 207,500	\$ 207,500			\$ 207,500	100%	\$ -	\$ 10,375
4	General Conditions	\$ 336,345				\$ -		\$ 336,345	\$ -
5	Mobilization	\$ 500,000				\$ -		\$ 500,000	\$ -
6	Site Access	\$ 153,620				\$ -		\$ 153,620	\$ -
7	Raw Water Intake Structure					\$ -		\$ -	\$ -
8	Coffer Dam	\$ 274,861				\$ -		\$ 274,861	\$ -
9	Intake Structure	\$ 721,811				\$ -		\$ 721,811	\$ -
10	Exc/ BF for Intake Pipe and Wetwell	\$ 349,950				\$ -		\$ 349,950	\$ -
11	Intake Pipe	\$ 132,895				\$ -		\$ 132,895	\$ -
12	24" Raw Water Main					\$ -		\$ -	\$ -
13	24" RWL	\$ 844,001				\$ -		\$ 844,001	\$ -
14	Gas Line Crossing	\$ 101,613				\$ -		\$ 101,613	\$ -
15	Rivanna Crossing	\$ 789,975				\$ -		\$ 789,975	\$ -
16	Railroad Bore	\$ 297,572				\$ -		\$ 297,572	\$ -
17	Rte. 6 Bore	\$ 53,181				\$ -		\$ 53,181	\$ -
18	ARV's/ BOV's/ Hydrants	\$ 55,272				\$ -		\$ 55,272	\$ -
19	Cathodic Protection	\$ 100,395				\$ -		\$ 100,395	\$ -
20	Raw Water Pump Station					\$ -		\$ -	\$ -
21	Site Work	\$ 95,320				\$ -		\$ 95,320	\$ -
22	Concrete	\$ 808,158				\$ -		\$ 808,158	\$ -
23	Masonry	\$ 169,868				\$ -		\$ 169,868	\$ -
24	Metals	\$ 162,661				\$ -		\$ 162,661	\$ -
25	Carpentry	\$ 2,059				\$ -		\$ 2,059	\$ -
		\$ 6,438,881	\$ 297,200	\$ 27,600	\$ -	\$ 324,800	\$ 0	\$ 6,114,081	\$ 16,240

CONTINUATION SHEET

ATTACHMENT TO PAY APPLICATION

APPLICATION NUMBER: 5

PROJECT:

APPLICATION DATE: 07/25/17

James River Water Project PPEA

PERIOD TO: 31-Jul-17

ARCHITECT'S PROJECT NO: 9161

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		F Materials Presently Stored (Not In D or E)	G		H Balance To Finish (C - G)	I Retainage
			From Previous Application (D + E)	This Period		Total Completed And Stored To Date (D + E + F)	% (G/C)		
26	Roofing/ Ins	\$ 79,272				\$ -		\$ 79,272	\$ -
27	Doors and Windows	\$ 30,885				\$ -		\$ 30,885	\$ -
28	Finishes	\$ 33,974				\$ -		\$ 33,974	\$ -
29	Fire/ Skylights	\$ 20,590				\$ -		\$ 20,590	\$ -
30	Equipment	\$ 427,126				\$ -		\$ 427,126	\$ -
31	Mechanical	\$ 237,227				\$ -		\$ 237,227	\$ -
32	Electrical	\$ 539,920				\$ -		\$ 539,920	\$ -
33	Controls	\$ 72,065				\$ -		\$ 72,065	\$ -
34	QC Testing and Inspection	\$ 58,791				\$ -		\$ 58,791	\$ -
35						\$ -		\$ -	\$ -
36						\$ -		\$ -	\$ -
37						\$ -		\$ -	\$ -
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47						\$ -		\$ -	\$ -
48						\$ -		\$ -	\$ -
49						\$ -		\$ -	\$ -
50						\$ -		\$ -	\$ -
ORIGINAL CONTRACT TOTAL		\$ 7,938,731	\$ 297,200	\$ 27,600	\$ -	\$ 324,800	4%	\$ 7,613,931	\$ 16,240

CONTINUATION SHEET

ATTACHMENT TO PAY APPLICATION

APPLICATION NUMBER: 5

PROJECT:

APPLICATION DATE: 07/25/17

James River Water Project PPEA

PERIOD TO: 31-Jul-17

ARCHITECT'S PROJECT NO: 9161

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		F Materials Presently Stored (Not In D or E)	G Total Completed And Stored To Date (D + E + F)		H Balance To Finish (C - G)	I Retainage
			From Previous Application (D + E)	This Period		% (G/C)			
51	Change Orders					\$ -		\$ -	\$ -
52	CO 1 - Threatened & Endangered (Mussel Survey)	\$ 12,600				\$ -		\$ 12,600	\$ -
53	CO 2 - RR Xing Permit; Prepare & Manage Permit Application	\$ 10,500	\$ 5,240			\$ 5,240	50%	\$ 5,260	\$ 262
54	CO 3 - CSX RR Application Review Fee	\$ 3,660		\$ 3,660		\$ 3,660	100%	\$ -	\$ 183
55						\$ -		\$ -	\$ -
56						\$ -		\$ -	\$ -
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69						\$ -		\$ -	\$ -
70						\$ -		\$ -	\$ -
CHANGE ORDER TOTAL (PAGE 4)		\$ 26,760	\$ 5,240	\$ 3,660	\$ -	\$ 8,900	33%	\$ 17,860	\$ 445
APPLICATION TOTALS		\$ 7,965,491	\$ 302,440	\$ 31,260	\$ -	\$ 333,700	4%	\$ 7,631,791	\$ 16,685

James River Water Authority – Comprehensive Agreement

Timmons Group Efforts to Date 07/19/17; Invoice #5

Item # Description

1 Project 1: Plan Set A; Intake Structure

- Pending results of Cultural Resources Study
- Preparing submittal to Fluvanna County for Site Plan Approval after Faulconer review
- Preparing submittal to VDH

2 Project 1: Plan Set B; Pump Station

- Pending results of Cultural Resources Study
- Preparing submittal to Fluvanna County for Site Plan Approval after Faulconer review
- Preparing submittal to VDH

3 Project 1: Plan Set C; 24" Waterline

- Pending results of Cultural Resources Study
- Preparing submittal to Fluvanna County for Site Plan Approval after Faulconer review
- Preparing submittal to VDH

4 Redesign & Additional Due Diligence

- Geotechnical Investigation - COMPLETE
- Topographic, Boundary and Subdivision Survey - COMPLETE
- Environmental/Wetland Delineation - COMPLETE
- Intake Permit Relocation Services – COMPLETE
 - VWP Permit Issued
 - VMRC Permit Issued
 - COE Permit will be issued upon completion of Cultural Resources Study
- Design Services – COMPLETE
- Note: Cultural Resources Study (VDHR) is outside the scope of this item.

Tasks Moved Over From Interim Agreement

5 Threatened and Endangered Species Field Study

- Needs to occur no sooner than six months prior to the start of construction

6 Railroad Crossing Permit; Prepare and Manage Permit Application

- Submitted crossing permit application to CSX.

Comments:

- PDFs will be provided to Faulconer prior to submitting plans to Fluvanna County and DEQ for review.



Pay Application Approval Recommendation

James River Water Project PPEA

Project Name:	James River Water Project	MBP No.:	July 26, 2017 J16223
Location:	Fluvanna County, VA	Project Owner:	Fluvanna County
MBP CM	Michael C. Knight, P.E.	Construction Inspector	TBD
General Contractor:	Faulconer Construction Company, LLC	Architect/Engineer:	Timmons Group

EXECUTIVE SUMMARY

We have reviewed Faulconer Construction Company’s APPLICATION AND CERTIFICATE FOR PAYMENT #5 (Pay App #5) as attached for the James River Water Project PPEA. Pay App #5 appears to be a fair and accurate accounting of cost reimbursement due in accordance with conditions of the contract.

Accordingly, MBP recommends approval of Faulconer’s Pay App #5 as requested in the amount of \$29,697.00.

DISCUSSION

Payment requested includes \$27,600.00 from the budgeted \$281,824.00 under Line 2 of the Schedule of values for Engineering; and \$3,660.00 under line 54 for CSX Crossing application. Total Request is for \$31,260.00, less the standard 5% Retainage of \$1,563.00, for a total payment due of \$29,697.00. The accompanying listing of Timmons Group Efforts to Date 07/19/17; Invoice #5 provides details of major items of work addressed under Pay App #5. Also please see the cumulative accounting captured in the Pay Application Approval Recommendation Register immediately following.

Please do not hesitate to call if you have questions or comments regarding this action.

Prepared By:

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MBP Construction Manager
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