

**James River Water Authority  
Board of Directors Meeting  
Fluvanna County Administration Building- Morris Room  
132 Main Street  
Palmyra, VA 22963  
May 10, 2023  
9:00 A.M.**

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

- I. Call to Order**
- II. Adoption of Agenda**
- III. Approval of Minutes of Preceding Meeting**
  - a. April 12, 2023 – Regular Meeting
- IV. Financial Report**
  - a. Bill Approval
    - i. GAI Consultants
    - ii. Hefty Wiley & Gore
    - iii. MBP
    - iv. Faulconer Construction Company, Inc.
  - b. Bills to Ratify
    - i. Department of Environmental Quality
- V. Public Information and Discussion**
  - a. Discussion – Project Status Update
- VI. Action Items**
  - a. FY24 Budget Adoption
- VII. Consent Agenda**
- VIII. Closed Meeting**
- IX. 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:  
D.D. WATSON, CHAIRMAN  
BOARD OF DIRECTORS  
JAMES RIVER WATER AUTHORITY

**JAMES RIVER WATER AUTHORITY BOARD OF DIRECTORS  
FLUVANNA COUNTY ADMINISTRATION BUILDING  
PALMYRA, VIRGINIA  
April 12, 2023  
9:00 A.M.**

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**Present:** D. D. Watson (Chairman), Eric Anderson (Vice Chairman), Joe Chesser (Treasurer), Eric Dahl

**Absent:** Eric Purcell, Christian Goodwin

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**CALL TO ORDER**

Chairman Watson called the meeting of the James River Water Authority (JRWA) Board of Directors to order at 9:00 a.m. and led the Board in the Pledge of Allegiance.

**ADOPTION OF AGENDA**

Mr. Dahl requested that a bill from MBP for \$1,529.55 be considered for payment on this agenda; the bill had been received prior to the creation of the Board packet but was inadvertently excluded from the packet. On the motion of Mr. Chesser, seconded by Mr. Anderson, the agenda was adopted, as amended, on a vote of 4-0.

**ITEMS FROM THE PUBLIC**

(none)

**APPROVAL OF MINUTES OF PRECEDING MEETING**

On the motion of Mr. Dahl, seconded by Mr. Anderson, which carried by a vote of 4-0, the Board approved the meeting minutes.

**FINANCIAL REPORT**

Mr. Chesser briefed the Board on the bills put forward for consideration. On the motion of Mr. Anderson, seconded by Mr. Dahl, the bills, to include the bill from MBP, were approved by a vote of 4-0.

**PUBLIC INFORMATION AND DISCUSSION**

**Discussion – Project Status Update**

Mr. Joe Modica, of MBP, provided an update on the Joint Permit Application (JPA) and Section 106 Memorandum of Agreement (MOA) noting that the JPA and MOA has been submitted; the Army Corps has assigned a reviewer who is in dialogue with Timmons Group to gather additional information. Regarding the JPA, the Department of Environmental Quality (DEQ) has requested and received additional information from Timmons; now awaiting a response from DEQ.

Mr. Modica noted that cultural resources items are on track. The Section 106 MOA, Phase II

report, and Phase III treatment plan (TP) have been provided to the Monacans and the Department of Historic Resources and are under review. Once approval for TP is secured, the JRWA can solicit for Phase III Treatment Plan services.

Mr. Justin Curtis with AquaLaw emphasized that there are parts of this process we can control and parts we can't: we have no control over the time it takes an agency to review, and we are responding to the agencies as necessary to keep the process moving forward.

Mr. Modica indicated that the Rose property plat should be completed in the next day or two. He noted that the schedule of values and pricing to 100% should be available by April 21.

Mr. Dahl reiterated that in order to move forward with the property acquisition for the pump station site and associated easements on the Rose property, a current plat is required. Once the plat is finalized Mr. Dahl will approach the Rose's to finalize property acquisition.

Mr. Saunders, Timmons Group, reported a favorable meeting with Virginia Department of Health reintroducing the project and providing plans and specifications to request VDH approval in not too distant future. Mr. Saunders reminded the Board that it's time to make an initial inquiry of Dominion Energy regarding electrical service to the pump station; Mr. Dahl noted that he would make that inquiry.

Mr. Dahl provided a brief update on the creation of a cash flow model, noting that it's not ready to bring forward to the Board as data is continuing to be gathered. Mr. Dahl reminded the Board that debt proceeds continue to be used to cover project costs, with approximately \$4.1 million of the original approximately \$9.5 million, remaining. The project team has been asked to project 6-10 months of anticipated expenditures in order to create the cash flow model and determine when those debt proceeds will be expended. It is anticipated that proceeds should last through the end of the year but there are large items that are on the horizon. Mr. Dahl noted before those proceeds are fully expended, the counties and Authority will need to have a funding plan in place. Mr. Watson asked if any of the funds spent on the prior pump station site are recoupable; Mr. Dahl did not think so.

Mr. Anderson inquired about cash needed for property acquisition and if earnest money may be required for long lead-time items. Mr. Dahl asked Timmons about the anticipated timeline for a preliminary plan; Mr. Saunders noted that the current 15% level plan has been expanded to include greater definition on the scope of work, the amount of pipe that will be needed, as well as other long-lead items in order to reduce risk of price escalation. Mr. Saunders anticipates that Faulconer Construction will generate a summary of items and associated quotes, and a timeline of when materials will be needed, prioritizing critical path items. Mr. Dahl noted that the current cash flow model does not include materials, but does include cultural resources items, consultants' fees, and current and proposed change orders. Mr. Dahl anticipates a more refined cash flow model will be available at the next Board meeting.

### **ACTION ITEMS**

(none)

### **CONSENT AGENDA**

(none)

**CLOSED SESSION**

(none)

**ADJOURNMENT**

On the motion of Mr. Anderson, seconded by Mr. Dahl, which carried by a vote of 4-0, the Board voted to adjourn the meeting at 9:17 a.m.

BY ORDER OF:

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D.D. WATSON, CHAIRMAN  
BOARD OF DIRECTORS  
JAMES RIVER WATER AUTHORITY

DRAFT



# INVOICE

GAI Consultants, Inc.  
385 East Waterfront Drive  
Homestead, PA 15120-5005

T 412.476.2000  
F 412.476.2020



Eric Dahl  
James River Water Authority  
132 Main St  
PO Box 540  
Palmyra, VA 22963

April 10, 2023  
Project No: C190908.00  
Invoice No: 2186794

Project C190908.00 JRWA - cultural oversight - water supply project  
Planning & Coordination with Council & subconsultant

**Professional Services Through March 18, 2023**

Task 001 Consultation and Document Review

**Professional Personnel**

	Hours	Rate	Amount
E06 ; Cultural Resources Managers			
Glenn, Jonathan	25.00	128.00	3,200.00
Totals	25.00		3,200.00
<b>Total Labor</b>			<b>3,200.00</b>
		<b>Total this Task</b>	<b>\$3,200.00</b>

**Billing Limits**

	Current	Prior	To-Date
Total Billings	3,200.00	455,693.72	458,893.72
Limit			535,987.59
Remaining			77,093.87
		<b>Total this Invoice</b>	<b>\$3,200.00</b>

**Outstanding Invoices**

Number	Date	Balance
2184029	1/27/2023	256.00
2184949	2/21/2023	3,200.00
<b>Total</b>		<b>3,456.00</b>

# HEFTY WILEY & GORE, P.C.

100 West Franklin Street, Suite 300 • Richmond, VA 23220

## BILL TO

James River Water Authority  
ATTN: Eric Dahl  
P.O. Box 540  
132 Main Street  
Palmyra, VA 22963



INVOICE # 12334  
DATE 04/25/2023

DATE	DESCRIPTION	QTY	RATE	AMOUNT
	Agreed monthly fee for serving as legal counsel to JRWA board for April, May and June 2023	3	2,500.00	7,500.00

BALANCE DUE

**\$7,500.00**



April 11, 2023  
 Invoice No: 526449

**Remit To:**  
**MBP**  
**Williams Plaza 1**  
**3040 Williams Drive, Suite 300**  
**Fairfax, VA 22031-2215**

James River Water Authority (JRWA)  
 Attn: Brendan Scott Hefty & Christian R. Goodwin  
 100 West Franklin Street  
 Suite 300  
 Richmond, VA 23220

Contract #: N/A  
 Subcontract #: N/A  
 Purchase Order #: N/A

<b>Invoice Total</b>	<b>\$1,274.63</b>
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Project Manager: Joseph Modica  
 Project: J22177.001 JRWA Pump Station and Raw Water Main

**Professional Services through March 31, 2023**

Phase: 001 Task 1: Project Meetings

**Professional Personnel**

	Hours	Rate	Amount	
Project Manager/Analyst				
Modica, Joseph	5.00	169.95	849.75	
Totals	5.00		849.75	
<b>Total Labor</b>				<b>849.75</b>
				<b>Total this Phase \$849.75</b>

Phase: 003 Task 3: On-Call Project Management Supp

**Professional Personnel**

	Hours	Rate	Amount	
Project Manager/Analyst				
Modica, Joseph	2.50	169.95	424.88	
Totals	2.50		424.88	
<b>Total Labor</b>				<b>424.88</b>
				<b>Total this Phase \$424.88</b>

<b>Contract</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	1,274.63	9,432.24	10,706.87
Contract Value			39,938.28
Remaining			29,231.41
			<b>Total this Invoice \$1,274.63</b>

**Outstanding Invoices**

Number	Date	Balance
525873	2/7/2023	1,274.63
526184	3/8/2023	1,529.55
<b>Total</b>		<b>2,804.18</b>

# Billing Backup

McDonough Bolyard Peck, Inc.

Invoice 526449 Dated 4/11/2023

Tuesday, April 11, 2023

11:37:44 AM

Project: J22177.001 JRWA Pump Station and Raw Water Main  
Phase: 001 Task 1: Project Meetings

## Professional Personnel

	Hours	Rate	Amount
Project Manager/Analyst			
Project Manager/Analyst			
29PRJM00 - Modica, Joseph 3/3/2023	.50	169.95	84.98
Coordination with Faulconer and pay app review			
29PRJM00 - Modica, Joseph 3/14/2023	2.00	169.95	339.88
Prep for meeting and meeting			
29PRJM00 - Modica, Joseph 3/16/2023	.50	169.95	84.98
29PRJM00 - Modica, Joseph 3/17/2023	.50	169.95	84.98
29PRJM00 - Modica, Joseph 3/21/2023	1.50	169.95	254.93
Plan review and coordinattion with Greg			
Totals	5.00		849.75
<b>Total Labor</b>			<b>849.75</b>
		<b>Total this Phase</b>	<b>\$849.75</b>

Phase: 003 Task 3: On-Call Project Management Supp

## Professional Personnel

	Hours	Rate	Amount
Project Manager/Analyst			
Project Manager/Analyst			
29PRJM00 - Modica, Joseph 3/28/2023	2.50	169.95	424.88
Coordination with Cultural Resources Team			
Coordination with Faulconer and Timmons			
Meeting			
Totals	2.50		424.88
<b>Total Labor</b>			<b>424.88</b>
		<b>Total this Phase</b>	<b>\$424.88</b>
		<b>Total this Project</b>	<b>\$1,274.63</b>
		<b>Total this Report</b>	<b>\$1,274.63</b>



**DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER DIVISION PERMIT APPLICATION FEE FORM**

**INSTRUCTIONS**

Applicants for individual Virginia Pollutant Discharge Elimination System (VPDES), Virginia Pollution Abatement (VPA), Virginia Water Protection (VWP), and Groundwater Withdrawal (GW) permits are required to pay permit application fees, with the exception of farming operations engaged in production for market and permits pertaining to maintenance dredging for federal navigation channels or other Corps of Engineers or Department of the Navy-sponsored dredging projects. Fees are also required for registration for coverage under most general permits (see Fee Schedule, page 4 of this form).

**NOTE: This form is NOT appropriate for Virginia Stormwater Management Program (VSMP) Construction General Permit (VAR10) fee payments.**

The permit Fee Schedule is included on pages 3-4 of this form, and includes fees for permit issuance, reissuance\*, and for permit modification. Except for VWP permits, fees must be paid when applications are submitted. Applicants for VWP permits will be notified by the DEQ of the fee due. Applications will be considered incomplete if the proper fee is not paid and will not be processed until the fee is received.

\* Note: the reissuance fee does not apply to individual VPDES and VPA permits - see the fee schedule for details.

Once you have determined the fee for the type of application you are submitting, complete this form. The form and your check or money order payable to "Treasurer of Virginia" should be mailed to:

Department of Environmental Quality  
Receipts Control  
P.O. Box 1104  
Richmond, VA 23218

You should retain a copy of the form and your check for your records. Please direct any questions regarding this form or fee payment to the DEQ Office to which you are submitting your application.

<b>APPLICANT NAME:</b> James River Water Authority	
<b>ADDRESS:</b> PO Box 540 Palmyra, VA 22963	
<b>DAYTIME PHONE:</b> ( 434 ) 591 - 1910 <small>Area Code</small>	<b>IRS EMPLOYER IDENTIFICATION NUMBER (EIN):</b> 27-0317733 <small>[aka Federal Tax Identification Number (FIN)]</small>
<b>FACILITY/ACTIVITY NAME:</b> James River Water Authority Project	
<b>LOCATION:</b> 6438 Bremono Rd., Bremono Bluff, VA 23022	
<b>TYPE OF PERMIT APPLIED FOR:</b> VWP Individual Permit <small>(from Fee Schedule)</small>	
<b>TYPE OF ACTION:</b> <input checked="" type="checkbox"/> New Issuance <input type="checkbox"/> Reissuance <input type="checkbox"/> Modification	
<b>AMOUNT OF FEE SUBMITTED</b> (from Fee Schedule): \$ 25000.00	
<b>EXISTING PERMIT NUMBER</b> (if applicable): 14-0343	

**DEQ OFFICE TO WHICH APPLICATION OR REGISTRATION SUBMITTED (check one)**

<input type="checkbox"/> Abingdon/SWRO	<input type="checkbox"/> Harrisonburg/VRO	<input type="checkbox"/> Woodbridge/NRO	<input type="checkbox"/> Glen Allen/PRO
<input checked="" type="checkbox"/> Richmond/Headquarters	<input type="checkbox"/> Roanoke/BRRO	<input type="checkbox"/> Virginia Beach/TRO	

<b>FOR DEQ USE ONLY</b>	
<b>Date:</b>	<b>DC#:</b>

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**James River Water Authority**  
**Summary of Work Inv #3 – CO #4 Amendment**  
04/28/23



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**Falconer Construction**

A. Administration & Due Diligence

1. Mobilized and performed an initial cycle of test digging to identify rock
2. Completed sub-surface utility engineering investigation coordination for performance of underground utility survey
3. Completed review of preliminary alignment and all crossings
4. Completed review of preliminary site plans for the pump station and access road
5. With preliminary alignment and profiles, Evaluated of means and methods as they relate to the new alignment, crossing points and site conditions
5. Completed development of the draft construction schedule and review by the D-B team
6. Acquired LUP's permit and held initial call and briefing w/Aaron LeBeau; Assistant Resident Engineer - Land Use Louisa Residency
5. Consulted with D-B team, Owner and MBP as required for project development and permit acquisition.

**Timmons Group**

A. Study and Report Phase

1. Timmons Group continued with the development of data, exhibits, calculations, etc. for the new project site for incorporation into a summary report for review by the JRWA

B. VDH Preliminary Engineering Report

1. Timmons held meeting w/VDH and completed the draft PER for review and eventual submittal to the VDH.

C. Geotechnical Investigations

1. The boring logs, laboratory testing and Geotechnical Report completed.

D. Topographic Survey; Aerial 1ft contours



1. Topographic survey completed.

E. Survey Property Lines along RWM route

1. Additional research completed.

F. CSX Rail Permit

1. Finalized draft CSX rail permit package for review by JRWA.

G. Preliminary Design 15%

Intake and Pump Station (Rose Property)

1. Updated the water models for the new pipeline and existing piping.

2. Updated the Raw Water Pump Station plans to integrate with the new site and the revised alignment. Determined required pumps and corresponding electrical loading.

3. Updated of the raw water intake plans to integrate with the new site

4. A preliminary draft design of site improvements; road, drainage, E&S, etc. has been developed and provided to the Builder for review and comment. This effort included the preliminary sizing of all culverts.

Raw Water Pipeline (Bremo Road and Route 6)

1. Completed preliminary design of raw water pipeline to 15% level and provided to the Authority.

Site plan and Access Road

1. Completed preliminary design of site plan and access road to 15% level and provided to the Authority.

**APPLICATION AND CERTIFICATE FOR PAYMENT**

TO OWNER:  
James River Water Authority (JRWA)  
132 Main Street // PO Box 540  
Palmyra, VA 22963  
FROM CONTRACTOR:  
Faulconer Construction Company, Inc.  
2496 Old Ivy Rd  
Charlottesville, VA 22906

PROJECT:  
James River Water Project PPEA  
SOUTH  
  
VIA ARCHITECT:  
Timmons Group  
680 Preston Avenue - Suite 200  
Charlottesville, VA 22903

APPLICATION #: 3  
PERIOD TO: 04/30/23  
PROJECT NOS: 9461  
  
CONTRACT DATE: 11/03/22

Distribution to:

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

CONTRACT FOR: James River Water Project PPEA - Amendment- CO #4

**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-----	\$	968,910.00
2. Net change by Change Orders-----	\$	0.00
3. CONTRACT SUM TO DATE (Line 1 +/- 2)	\$	968,910.00
4. TOTAL COMPLETED & STORED TO DATE-\$ (Column G on Continuation Sheet)		724,375.00
<b>5. RETAINAGE:</b>		
a. <u>0%</u> of Completed Work (Columns D+E on Continuation Sheet)	\$	0.00
b. <u>0%</u> of Stored Material (Column F on Continuation Sheet)	\$	0.00
Total Retainage (Line 5a + 5b or Total in Column 1 of Continuation Sheet-----	\$	0.00
6. TOTAL EARNED LESS RETAINAGE----- (Line 4 less Line 5 Total)	\$	724,375.00
<b>7. LESS PREVIOUS CERTIFICATES FOR PAYMENT</b> (Line 6 from prior Certificate)-----		
	\$	432,100.00
8. CURRENT PAYMENT DUE-----	\$	292,275.00
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$	244,535.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month		
TOTALS	\$0.00	\$0.00
NET CHANGES by Change Order	\$0.00	

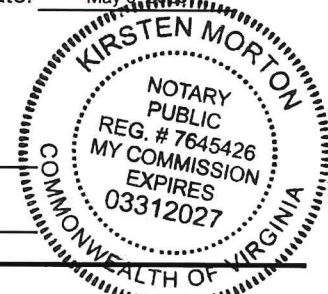
The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates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

CONTRACTOR:  
By: [Signature] Date: May 5, 2023

State of: VIRGINIA  
County of: ALBEMARLE

Subscribed and sworn to before me this 05<sup>th</sup> day of MAY 2023

Notary Public: Kirsten Morton  
My Commission expires: 03/31/2027



**CERTIFICATE FOR PAYMENT**

In accordance with Contract Documents, based on on-site observations and the data comprising application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ----- \$ 292,275.00

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT:  
By: [Signature] Date: 5/9/2023

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner of Contractor under this Contract.

**CONTINUATION SHEET**

PROJECT:  
James River Water Project PPEA  
SOUTH

APPLICATION NUMBER: 3  
APPLICATION DATE: 5/5/23  
PERIOD TO: 30-Apr-23  
FCC PROJECT NO: 9461

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	Administrative and due Diligence	\$ 171,700.00	\$ 70,000.00	\$ 101,700.00		\$ 171,700.00	100%	\$ -	\$ -
2	VDH Preliminary Engineering Report	\$ 47,225.00	\$ 9,300.00	\$ 37,925.00		\$ 47,225.00	100%	\$ -	\$ -
3	Geotechnical Investigations	\$ 69,500.00	\$ 28,000.00	\$ 41,500.00		\$ 69,500.00	100%	\$ -	\$ -
4	Topographic Survey; Aerial 1ft contours	\$ 41,325.00	\$ 39,000.00	\$ 2,325.00		\$ 41,325.00	100%	\$ -	\$ -
5	Survey Property Lines along RWM route	\$ 41,325.00	\$ 33,100.00	\$ 8,225.00		\$ 41,325.00	100%	\$ -	\$ -
6	CSX Rail Permit	\$ 17,710.00	\$ 14,700.00	\$ -		\$ 14,700.00	83%	\$ 3,010	\$ -
7	Preliminary Eng. for Intake, PS & Pipeline	\$ 338,600.00	\$ 238,000.00	\$ 100,600.00		\$ 338,600.00	100%	\$ -	\$ -
8	Property Acquisition Services w/plats	\$ 241,525.00	\$ -	\$ -		\$ -		\$ 241,525	\$ -
9						\$ -		\$ -	\$ -
10						\$ -		\$ -	\$ -
11						\$ -		\$ -	\$ -
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24						\$ -		\$ -	\$ -
25						\$ -		\$ -	\$ -
SUBTOTALS PAGE 2		\$ 968,910.00	\$ 432,100	\$ 292,275.00	\$ -	\$ 724,375	75%	\$ 244,535	\$ -

**CONTINUATION SHEET**

ATTACHMENT TO PAY APPLICATION

PROJECT:  
James River Water Project PPEA  
SOUTH

APPLICATION NUMBER: 3  
APPLICATION DATE: 05/05/23  
PERIOD TO: 30-Apr-23  
FCC PROJECT NO: 9461

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	*** CHANGE ORDERS ***								
27						\$ -		\$ -	\$ -
28						\$ -		\$ -	\$ -
29						\$ -		\$ -	\$ -
30						\$ -		\$ -	\$ -
31						\$ -		\$ -	\$ -
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46					\$ -		\$ -	\$ -	
47					\$ -		\$ -	\$ -	
48					\$ -		\$ -	\$ -	
49					\$ -		\$ -	\$ -	
	SUBTOTALS PAGE 3	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
	APPLICATION TOTALS	\$ 968,910.00	\$ 432,100.00	\$ 292,275.00	\$ -	\$ 724,375.00	75%	\$ 244,535.00	\$ -

## FEE SCHEDULES

**A. VPDES and VPA Individual Permits.** Applications for issuance of new individual VPDES or VPA permits, and for permittee-initiated major modifications that become effective before the stated permit expiration date. (Flows listed are facility "design" flows. Land application rates listed are facility "design" rates.) [NOTE: VPDES and VPA permittees pay an Annual Permit Maintenance Fee (APMF) instead of a reapplication fee for reissuance, and the APMF is invoiced separately by DEQ.]

TYPE OF INDIVIDUAL PERMIT	ISSUANCE	MODIFICATION	LAND APP MOD
VPDES Industrial Major	\$24,000	\$12,000	
VPDES Municipal Major	\$21,300	\$10,650	\$1,000 <sup>1</sup>
VPDES Industrial Minor / No Standard Limits	\$10,200	\$5,100	
VPDES Industrial Minor / Standard Limits	\$3,300	\$3,300	
VPDES Industrial Stormwater	\$7,200	\$3,600	
VPDES Municipal Stormwater MS4 Individual (Large and Medium)	\$16,000	\$5,000	
VPDES Municipal Stormwater MS4 Individual (Small)	\$8,000	\$2,500	
VPDES Municipal Minor / Greater Than 100,000 GPD	\$7,500	\$3,750	\$1,000 <sup>1</sup>
VPDES Municipal Minor / 10,001 GPD - 100,000 GPD	\$6,000	\$3,000	\$1,000 <sup>1</sup>
VPDES Municipal Minor / 1,001 GPD - 10,000 GPD	\$5,400	\$2,700	\$1,000 <sup>1</sup>
VPDES Municipal Minor / 1,000 GPD or Less	\$2,000	\$1,000	
VPDES Municipal that includes authorization for land application, distribution, or marketing of biosolids or land disposal of sewage sludge	\$5,000 <sup>1</sup>	\$1,000 <sup>1</sup>	\$1,000 <sup>1</sup>
VPA Industrial Wastewater Operation / Land Application of 10 or More Inches Per Year	\$15,000	\$7,500	
VPA Industrial Wastewater Operation / Land Application of Less Than 10 Inches Per Year	\$10,500	\$5,250	
VPA Industrial Sludge Operation	\$7,500	\$3,750 <sup>2</sup>	
VPA Municipal Wastewater Operation	\$13,500	\$6,750	
VPA Municipal Biosolids Operation	\$5,000	\$1,000 <sup>2,3</sup>	
VPA Combined Sludge Operation - Mun. Biosolids & Ind. Sludges (except WTP residuals)	\$7,500	\$3,750 <sup>2</sup>	
All other VPA operations not specified above	\$750	\$375	

<sup>1</sup> To be paid in addition to any required VPDES issuance or modification fee. The modification fee shall apply for any addition of land application sites to a permit.

<sup>2</sup> The modification fee shall apply to any addition of land application sites to a permit.

<sup>3</sup> When adding any industrial source (excluding water treatment plant residuals) to a permit that only authorizes the land application of municipal biosolids, the modification fee for a VPA combined sludge operation shall apply.

**B. Virginia Water Protection (VWP) Individual Permits.** Applications for issuance of new individual, and reissuance or major modification of existing individual VWP permits. Only one permit application fee will be assessed per application; for a permit application involving more than one of the operations described below, the governing fee shall be based upon the primary purpose of the proposed activity. (Withdrawal amounts shown are maximum daily withdrawals.)

TYPE OF INDIVIDUAL PERMIT	ISSUANCE/REISSUANCE	MODIFICATION
VWP Individual / Surface Water Impacts (Wetlands, Streams and/or Open Water)	\$2,400 plus \$220 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) (\$60,000 maximum)	\$1,200 plus \$110 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) (\$30,000 maximum)
VWP Individual / Nonmetallic Mineral Mining	\$2,400 plus \$220 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) (\$7,500 maximum)	\$1,200 plus \$110 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) (\$3,750 maximum)
VWP Individual/Minimum Instream Flow – Surface Water Withdrawals equal to or greater than 3,000,000 gallons on any day	\$25,000	\$5,000
VWP Individual / Minimum Instream Flow – Surface Water Withdrawals between 2,000,000 and 2,999,999 gallons on any day	\$20,000	\$5,000
VWP Individual / Minimum Instream Flow – Surface Water Withdrawals between 1,000,000 and 1,999,999 gallons on any day	\$15,000	\$5,000
VWP Individual / Minimum Instream Flow – Surface Water Withdrawals < 1,000,000 gallons on any day that do not otherwise qualify for a general VWP permit for water withdrawals	\$10,000	\$5,000
VWP Individual / Reservoir – Major (any new or expanded reservoir with greater than or equal to 17 acres of total surface water impacts (stream and wetlands), or a water	\$35,000	\$12,500



TYPE OF INDIVIDUAL PERMIT	ISSUANCE/REISSUANCE	MODIFICATION
withdrawal of greater than or equal to 3,000,000 gallons in any one day)		
VWP Individual / Reservoir – Minor (any new or expanded reservoir with less than 17 acres of total surface water impacts (stream and wetlands), or a water withdrawal of less than 3,000,000 gallons in any one day)	\$25,000	\$12,500

**C. Groundwater Withdrawal (GW) Individual Permits.** Applications for issuance of new individual, and reissuance or major modification of existing individual GW permits.

TYPE OF INDIVIDUAL PERMIT	ISSUANCE/REISSUANCE	MODIFICATION
Groundwater Withdrawal / Initial Permit for an Existing Withdrawal Based Solely on Historic Withdrawals	\$1,200	\$600
Groundwater Withdrawal – effective through 12/31/2018	\$6,000	\$3,000
Groundwater Withdrawal – effective 1/1/2019	\$9,000	\$3,000

**D. Registration Statements (VPDES and VPA permits) or Applications (VWP permits) for General Permit Coverage.**

TYPE OF GENERAL PERMIT	ISSUANCE
VPDES General Permit for Domestic Sewage Discharges Less Than or Equal to 1,000 GPD (VAG40)	Zero (\$0)
VPDES General Permit for Discharges from Petroleum Contaminated Sites, Groundwater Remediation & Hydrostatic Tests (VAG83)	Zero (\$0)
VPDES General Permit for Discharges Resulting from the Application of Pesticides to Surface Waters of Virginia (VAG87)	Zero (\$0)
VPDES General Permit for Storm Water Discharges Associated with Industrial Activity (VAR05)	\$500
VPA General Permit for Pollutant Management Activities for Animal Feeding Operations and Animal Waste Management (VPG1)	Zero (\$0)
VPA General Permit for Poultry Waste Management (VPG2)	Zero (\$0)
VPDES General Permit for Concrete Product Facilities (VAG11)	\$600
VPDES General Permit for Noncontact Cooling Water Discharges of 50,000 GPD or Less (VAG25)	\$600
VPDES General Permit for Seafood Processing Facilities (VAG52)	\$600
VPDES General Permit for Potable Water Treatment Plants (VAG64)	\$600
VPDES General Permit for Vehicle Wash Facilities and Laundry Facilities (VAG75)	\$600
VPDES General Permit for Nonmetallic Mineral Mining (VAG84)	\$600
VPDES General Permit for Total Nitrogen and Total Phosphorus Discharges and Nutrient Trading in the Chesapeake Watershed in Virginia (VAN)	\$600
VPDES General Permit for Municipal Separate Storm Sewer Systems (MS4) – Small (VAR04)	\$4000
VWP General / Less Than 4,356 sq. ft. (1/10 acre) of Surface Water Impact (Wetlands, Streams and/or Open Water)	\$0
VWP General / 4,356 sq. ft. to 21,780 sq. ft. (1/10 acre to 1/2 acre) of Surface Water Impact (Wetlands, Streams and/or Open Water)	\$600
VWP General / 21,781 sq. ft. to 43,560 sq. ft. (greater than 1/2 acre to one acre) of Surface Water Impact (Wetlands, Streams and/or Open Water)	\$1,200
VWP General / 43,561 sq. ft. to 87,120 sq. ft. (greater than one acre to two acres) of Surface Water Impact (Wetlands, Streams and/or Open Water)	\$1,200 plus \$120 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 43,560 sq. ft. (one acre) (\$2,400 maximum)
VWP General / Minimum Instream Flow / Reservoir - Water withdrawals and/or pond construction	\$2,400

***NOTE: This form is NOT appropriate for Virginia Stormwater Management Program (VSMP) Construction General Permit (VAR10) fee payments.*** Please refer to the following web site hyperlink to obtain appropriate VAR10 permit fee forms:

[Hyperlink to the DEQ Virginia Stormwater Management, Construction Stormwater Permit Program website.](#)

	A	B	C	D	E	F	H	I	J	K	L
1	<b>James River Water Authority - FUND 850</b>										
2	<b>FY24 BUDGET - Proposed</b>							<b>Projected Budgets</b>			
3	ORG CODE	OBJ CODE	ACCOUNT DESCRIPTION	FY23 ADOPTED	FY24 BUDGET	ACCOUNT DETAILS	FY25 BUDGET	FY26 BUDGET	FY27 BUDGET	FY28 BUDGET	
4	<b>REVENUES</b>										
5	85000018	319990	SERVICE AGREEMENT - FLUVANNA COUNTY	\$ 252,858.00	\$ 251,066.00		\$ 251,581.50	\$ 251,991.00	\$ 252,294.00	\$ 252,516.00	
6	85000018	319991	SERVICE AGREEMENT - LOUISA COUNTY	\$ 252,858.00	\$ 251,066.00		\$ 251,581.50	\$ 251,991.00	\$ 252,294.00	\$ 252,516.00	
7	85000015	319501	INTEREST ON CUSTODY ACCOUNT	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
8	85000018	319831	EXPENDITURE REFUNDS	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
9	85000018	319911	OTHER	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
10	85000018	340000	INSURANCE RECOVERY	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
11	85000019	343100	USE OF FUND BALANCE	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
12	<b>INCOME TOTAL</b>			<b>\$ 505,716.00</b>	<b>\$ 502,132.00</b>		<b>\$ 503,163.00</b>	<b>\$ 503,982.00</b>	<b>\$ 504,588.00</b>	<b>\$ 505,032.00</b>	
13											
14	<b>OPERATING EXPENSES</b>										
15	85000000	401100	FULL-TIME SALARIES & WAGES	\$ -	\$ -	Staffing required? (Fluvanna/Louisa)	\$ -	\$ -	\$ -	\$ -	
16	85000000	401114	BOARD COMPENSATION	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
17	85000000	401300	PART-TIME SALARIES & WAGES	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
22	85000000	403100	PROFESSIONAL SERVICES	\$ 33,500.00	\$ 33,500.00	Audit (\$3,500) & Legal (\$30K)	\$ 33,500.00	\$ 33,500.00	\$ 33,500.00	\$ 33,500.00	
23	85000000	403170	PERMITS AND FEES	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
24	85000000	403191	CONSULTING SERVICES	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
25	85000000	403192	OUTSIDE ANALYTICAL SERVICES	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
26	85000000	403300	CONTRACT SERVICES	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
27	85000000	403310	BLDGS EQUIP REP & MAINT	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
28	85000000	403320	MAINTENANCE CONTRACTS	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
29	85000000	403600	ADVERTISING	\$ 250.00	\$ 250.00		\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	
30	85000000	403700	LAUNDRY AND DRY CLEANING	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
31	85000000	405110	ELECTRICAL SERVICES	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
32	85000000	405210	POSTAL SERVICES	\$ 250.00	\$ 250.00		\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	
33	85000000	405230	TELECOMMUNICATIONS	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
34	85000000	405304	PROPERTY INSURANCE	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
35	85000000	405305	VEHICLE INSURANCE	\$ 200.00	\$ 200.00	VaCorp Ins	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	
36	85000000	405307	PUBLIC OFFICIALS LIABILITY	\$ 750.00	\$ 750.00	VaCorp Ins	\$ 750.00	\$ 750.00	\$ 750.00	\$ 750.00	
37	85000000	405308	GENERAL LIABILITY	\$ 1,200.00	\$ 1,200.00	VaCorp Ins	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	
38	85000000	405410	LEASE/RENT	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
39	85000000	405510	MILEAGE ALLOWANCES	\$ 200.00	\$ 200.00		\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	
40	85000000	405540	CONVENTION & EDUCATION	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
41	85000000	405810	DUES OR ASSOCIATION MEMBERSHIP	\$ 175.00	\$ 175.00		\$ 175.00	\$ 175.00	\$ 175.00	\$ 175.00	
42	85000000	406001	OFFICE SUPPLIES	\$ 250.00	\$ 250.00		\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	
43	85000000	406004	GENERAL MATERIALS AND SUPPLIES	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
44	85000000	406006	CHEMICAL SUPPLIES	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
45	85000000	406009	VEHICLE/POWER EQUIP SUPPLIES	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
46	85000000	406011	UNIFORM/WEARING APPAREL	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
47	85000000	406016	FUEL	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
48	85000000	403650	BANK FEES AND CHARGES	\$ 250.00	\$ 250.00		\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	
49	85000000	409111	DEBT SERVICE - REDEMPTION OF PRINCIPAL	\$ 165,000.00	\$ 170,000.00		\$ 180,000.00	\$ 190,000.00	\$ 200,000.00	\$ 210,000.00	
50	85000000	409115	DEBT SERVICE - REDEMPTION OF INTEREST	\$ 303,691.00	\$ 295,107.00		\$ 286,138.00	\$ 276,957.00	\$ 267,563.00	\$ 258,007.00	
51	<b>OPERATING EXPENSE TOTAL</b>			<b>\$ 505,716.00</b>	<b>\$ 502,132.00</b>		<b>\$ 503,163.00</b>	<b>\$ 503,982.00</b>	<b>\$ 504,588.00</b>	<b>\$ 505,032.00</b>	