

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS**

AGENDA ITEM SUMMARY

Meeting Date: August 23, 2022 Consent Regular
 Workshop Public Hearing

Department: Environmental Resources Management

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to receive and file Task Assignment No. PM2 to Contract No. FWC21149 (R2022-0361) with FWC to provide aquatic vegetation control services for water bodies within the County and a cost reimbursement of \$67,020, for a term beginning upon execution to June 30, 2023.

Summary: On April 12, 2022, the Board of County Commissioners approved FWC Contract No. FWC21149 (R2022-0361) (Contract) for aquatic vegetation control services in the following lakes: Clarke, Ida, Osborne, and Pine. This Contract facilitates County treatment and control of aquatic exotic plants within the Chain of Lakes. County work is reimbursed by FWC. Delegated authority to execute all future time extensions, task assignments, certifications, and any other forms associated with this Contract was approved at that time. In accordance with County PPM CW-O-051, all delegated contracts/agreements/grants must be submitted by the initiating Department as a receive and file agenda item. **There is no cost to the County.** Districts 2, 3, 4 (SS)

Background and Justification: FWC Contract No. FWC21149 reimburses the County for its efforts in controlling aquatic weeds within the Chain of Lakes. Adaptive management techniques with local government oversight, allows staff to determine and use the most effective chemical agents and to apply them to particularly dense areas of vegetation within the lakes.

Attachments:

1. Task Assignment No. PM2
2. Delegation of Authority

Deborah Drum

Digitally signed by Deborah Drum
 DN: c=US, DC=org, DC=pbgov, OU=Enterprise, OU=ERM, OU=Users, CN=Deborah
 Drum, email=D.Drum@pbgov.org
 Reason: I am approving this document
 Location: your signing location here
 Date: 2022.07.11 10:11:17-0400'
 Print PDF Editor Version: 11.2.1

Recommended by: _____ **Department Director** **Date** _____

SAS 7/8/22

Approved by:  **Assistant County Administrator** **Date** 7/14/22

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2022	2023	2024	2025	2026
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	<u>67,020</u>	_____	_____	_____	_____
External Revenues	<u>(67,020)</u>	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
NET FISCAL IMPACT	<u> 0 </u>	_____	_____	_____	_____
No. ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____
Is Item Included in Current Budget?	Yes <u> X </u>		No _____		
Does this item include the use of federal funds?	Yes _____		No <u> X </u>		
Budget Account No.:	Fund <u>0001</u> Department <u>380</u> Unit <u>3249</u> Object _____				
Program	_____				

B. Recommended Sources of Funds/Summary of Fiscal Impact:

C. Department Fiscal Review: *L. Neary*

III. REVIEW COMMENTS

A. OFMB Fiscal and /or Contract Dev. and Control Comments:

Johnnie Davis
7/13/22
Johnnie Davis
OFMB

David J. Jacobson
Contract Dev. and Control
7-14-22

B. Legal Sufficiency:

[Signature]
Assistant County Attorney

C. Other Department Review:

Department Director

**TASK ASSIGNMENT NOTIFICATION FORM
CONTRACT NO. FWC21149**

Task Assignment Number: PM2
 Task Assignment Term: Upon Execution to June 30, 2023
 Contractor Name: Palm Beach County
 Contractor's Contract Manager/Telephone: Deborah Drum 561-233-2457
 Contractor's Site Manager/Telephone: Gary Goode 561-233-4392
 FWC Contract Manager/Telephone: Evelyn Ethridge 850-617-9430
 FWC Site Manager/Telephone: JOHN SNOW

Task Description: Provide aquatic vegetation control services in accordance with the executed contract FWC21149 on water bodies within Palm Beach County. Work shall be conducted pursuant to details stated in the current executed Contract, Amendments and Schedule of Operations. All work must be coordinated with FWC Regional Biologist(s). The FWC, Contract Manager for the Invasive Plant Management Section may issue change orders to the Task Assignment work plan altering the plant control authorized (increase in acres, adding plants or herbicides, adding water bodies). The Section Leader of the Invasive Plant Management Section may issue modifications to the Task Assignment increasing or reducing the cost reimbursement amount and any changes to the Term.

Deliverables: Task PM2 - The Contractor is to provide aquatic vegetation control services on water bodies as identified in the Schedule of Operations based on the work plan per the terms and conditions of the executed contract and any amendments to the contract. The Contractor will perform monthly aquatic vegetation control services to include, but not limited to; chemical treatment, snagging, pushing and hand pulling as needed per the Schedule of Operations. FWC will reimburse the Contractor for all services required and conducted on water bodies for each Schedule of Operation created for the work plan.

Cost Reimbursement Task Assignment Amount: \$67,020.00

Invoicing Frequency: Itemized invoices are submitted monthly by the 20th of each month except for the invoice for the month of June. Invoices are submitted after work has been completed by the Contractor. All detailed invoice supporting documentation (payroll information (Government), chemical invoices and approved and signed Report of Operation forms shall be maintained on file and available upon request. Only costs directly related to the services being provided may be reimbursed. An invoice for June must be submitted within the time-period given by the FWC Contract Manager. The invoice must reflect the FWC contract number as well as the Task Assignment number.

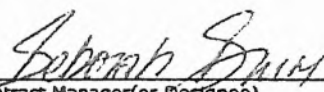
If the Contractor materially fails to comply with the terms and conditions, including any Federal or State statutes, rules or regulations, the FWC shall temporarily withhold cash payment pending correction of the deficiency. Additionally, Rule 60A-1.006(3), F.A.C. governs the procedure and consequences of default. Financial consequences for default by the Contractor include but are not limited to the requirement that the Contractor reimburse FWC for re-procurement costs.

Funding Information:

Org Code	EO	Fund	Category	Fiscal Year	Object Code	PID	Amount
77358090300	3K	423002	102334	2022-2023	139900	97839391000	\$67,020.00

Approvals:
Palm Beach County

Fish and Wildlife Conservation Commission
Division of Habitat and Species Conservation


Contract Manager (or Designee)

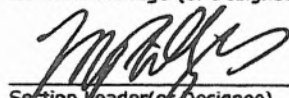
6/24/2022
Date


Contract Manager (or Designee)

6/22/2022
Date

Deborah Drum
Print Name

6/24/2022
Date



Section Leader (or Designee)
Invasive Plant Management Section

6/21/22
Date

Approved as to form and legal sufficiency:

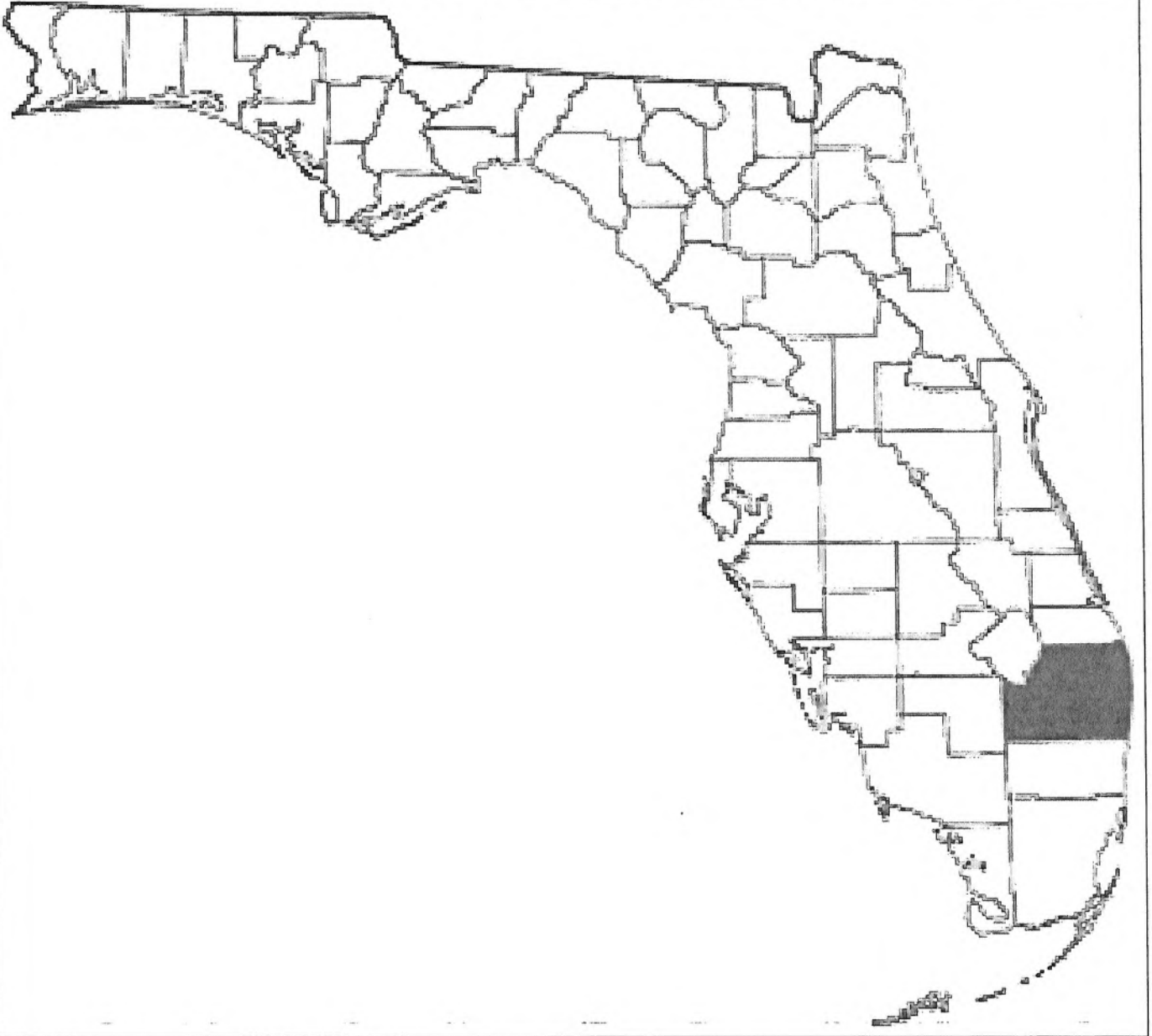
/s/ Scott A. Stone
Scott A. Stone, Assistant County Attorney


CC:Contract office
Finance and Budget Office
Regional Biologist

Florida Fish and Wildlife Conservation Commission, Chapter 68F-54, F.A.C. FY 2022-2023 Cooperative Aquatic Plant Control Program - Workplan				Invasive Plant Management Section	
Contractor Area:	Palm Beach County				
Water Body:	Administration	Water Body Code:	351		
County:	Palm Beach	Water Body Acres:	1		
Major Water Uses:	Admin				
Species of Concern:					
Admin					
Management Objectives:					
Admin					
Plants to be Controlled		Acres to be Controlled	Estimated Cost	Control Method(s)	
Other Plants: (requires explanation below)					
1) Admin admin		1	\$100.00	Mechanical (Other)	
Other Plants Explanation					
1) Billing for administration					
Public Notification Procedures					
<input type="checkbox"/> Signs posted at access points		<input type="checkbox"/> Notices in newspapers		<input type="checkbox"/> Public meetings	
<input type="checkbox"/> Notices distributed to residents		<input type="checkbox"/> Signal or marker system		<input checked="" type="checkbox"/> Other	
Comments:					
Billing for administration					

100.00
 2,000.00
 6,000.00
 260.00
 520.00
 10,000.00
 7,800.00
 520.00
 1,300.00
 1,300.00
 520.00
 7,500.00
 15,000.00
 5,200.00
 520.00
 520.00
 300.00
 1,000.00
 2,500.00
 2,600.00
 260.00
1,300.00
 67,020.00 Total dn

Locations of boat ramps, Hydrilla and Other Plants proposed for control.



Florida Fish and Wildlife Conservation Commission, Chapter 68F-54, F.A.C. FY 2022-2023 Cooperative Aquatic Plant Control Program - Workplan				Invasive Plant Management Section	
Contractor Area:		Palm Beach County			
Water Body:	Clarke, Lake	Water Body Code:	43149		
County:	Palm Beach	Water Body Acres:	33		
Major Water Uses: Fishing, water skiing, jet skiing, boating.					
Species of Concern:					
None.					
Management Objectives:					
This lake is very urbanized with most of the shoreline seawalled (90%). Recreational fishing pressure is very high. It is a widening in a canal which does not allow for grass carp to be used. Need to keep hydrilla and the floating plant population at lowest feasible level to allow for public water use.					
Plants to be Controlled		Acres to be Controlled	Estimated Cost	Control Method(s)	
Hydrilla verticillata		2	\$2,000.00	Hydrothol 191, Aquathol Super K, Aquathol K, Diquat, ProcellaCOR	
Floating Plants (Eichhornia and Pistia)		32	\$6,000.00	Diquat, Penoxsulam (liquid), Flumioxazin, ProcellaCOR	
Other Plants: (requires explanation below)					
1) Nuphar advena		1	\$260.00	Glyphosate, ProcellaCOR, Imazamox	
2) Nymphoides cristata		2	\$520.00	Hydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Super K, 2,4-D (liquid), ProcellaCOR	
Other Plants Explanation					
1) Maintain public access					
2) Prevent expansion of this invasive species in natural and managed areas					
Public Notification Procedures					
<input checked="" type="checkbox"/> Signs posted at access points		<input type="checkbox"/> Notices in newspapers		<input type="checkbox"/> Public meetings	
<input type="checkbox"/> Notices distributed to residents		<input type="checkbox"/> Signal or marker system		<input type="checkbox"/> Other	
Comments:					

Locations of boat ramps, Hydrilla and Other Plants proposed for control.



**Florida Fish and Wildlife Conservation Commission, Chapter 68F-54, F.A.C.
FY 2022-2023 Cooperative Aquatic Plant Control Program - Workplan**

Invasive Plant
Management
Section



Contractor Area:	Palm Beach County		
Water Body:	Ida, Lake	Water Body Code:	40001
County:	Palm Beach	Water Body Acres:	159
Major Water Uses:	Fishing, water skiing, jet skiing, recreational boating, wildlife observation.		

Species of Concern:

None.

Management Objectives:

This is a very urbanized lake with large public use. It is part of an open canal system which does not allow for use of grass carp. Hydrilla and floating plants need to be maintained at the lowest feasible levels. The lake is also a Fish Management Area.

Plants to be Controlled	Acres to be Controlled	Estimated Cost	Control Method(s)
Hydrilla verticillata	10	\$10,000.00	Aquathol Super K, Aquathol K, Hydrothol 191, Diquat, ProcellaCOR
Floating Plants (Eichhornia and Pistia)	30	\$7,800.00	Penoxsulam (liquid), Flumioxazin, Diquat, ProcellaCOR

Other Plants: (requires explanation below)

1)Nuphar advena	2	\$520.00	Glyphosate, Imazamox, ProcellaCOR
2)Nymphoides cristata	5	\$1,300.00	Diquat, Aquathol K, Flumioxazin, Glyphosate, Hydrothol 191, Aquathol Super K, 2,4-D (liquid), ProcellaCOR
3)Phragmites australis	5	\$1,300.00	Glyphosate, Flumioxazin, Imazamox
4)Typha spp	2	\$520.00	Imazamox, Glyphosate

Other Plants Explanation

- 1)Open up/maintain pier for fishing opportunities
- 2)Prevent expansion of an invasive species
- 3)Prevent Phragmites from expanding into native restoration littoral areas along Lake Ida Park and SE shoreline.
- 4)Maintain fishing access around pier

Public Notification Procedures


X Signs posted at access points ___ Notices in newspapers ___ Public meetings
 ___ Notices distributed to residents ___ Signal or marker system ___ Other

Comments:

Part of the work will be done by ERM and the other will be completed by the parks dept.


Locations of boat ramps, Hydrilla and Other Plants proposed for control.



Florida Fish and Wildlife Conservation Commission, Chapter 68F-54, F.A.C. FY 2022-2023 Cooperative Aquatic Plant Control Program - Workplan				Invasive Plant Management Section													
Contractor Area:		Palm Beach County															
Water Body:	Osborne, Lake	Water Body Code:	40002														
County:	Palm Beach	Water Body Acres:	356														
Major Water Uses: Fishing, water skiing, jet skiing, recreational boating, wildlife observation.																	
Species of Concern:																	
Ibis, woodstorks.																	
Management Objectives:																	
This is a very urbanized lake with large local population use. It is part of a larger open canal system so grass carp can not be used as a control method. It is important to keep hydrilla and floating plants at lowest feasible levels. There are also large areas of littoral restoration that require work on other plants that may expand into these areas.																	
<table border="1"> <thead> <tr> <th>Plants to be Controlled</th> <th>Acres to be Controlled</th> <th>Estimated Cost</th> <th>Control Method(s)</th> </tr> </thead> <tbody> <tr> <td>Hydrilla verticillata</td> <td>200</td> <td>\$7,500.00</td> <td>ProcellaCOR, Aquathol Super K, Aquathol K, Hydrothol 191, Diquat</td> </tr> <tr> <td>Floating Plants (Eichhornia and Pistia)</td> <td>100</td> <td>\$15,000.00</td> <td>Diquat, Flumioxazin, Glyphosate, Penoxsulam (liquid), ProcellaCOR</td> </tr> </tbody> </table>						Plants to be Controlled	Acres to be Controlled	Estimated Cost	Control Method(s)	Hydrilla verticillata	200	\$7,500.00	ProcellaCOR, Aquathol Super K, Aquathol K, Hydrothol 191, Diquat	Floating Plants (Eichhornia and Pistia)	100	\$15,000.00	Diquat, Flumioxazin, Glyphosate, Penoxsulam (liquid), ProcellaCOR
Plants to be Controlled	Acres to be Controlled	Estimated Cost	Control Method(s)														
Hydrilla verticillata	200	\$7,500.00	ProcellaCOR, Aquathol Super K, Aquathol K, Hydrothol 191, Diquat														
Floating Plants (Eichhornia and Pistia)	100	\$15,000.00	Diquat, Flumioxazin, Glyphosate, Penoxsulam (liquid), ProcellaCOR														
Other Plants: (requires explanation below)																	
1)Nymphoides cristata	20	\$5,200.00	2,4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate, Hydrothol 191, ProcellaCOR														
2)Phragmites australis	3	\$520.00	Glyphosate, Imazamox, Flumioxazin														
3)Typha spp	2	\$520.00	Glyphosate, Imazamox														
4)Urochloa mutica	1	\$300.00	Glyphosate, Imazapyr														
Other Plants Explanation																	
1)Control expansion of Nymphoides cristata.																	
2)Prevent Phragmites from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.																	
3)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.																	
4)Priority species																	
Public Notification Procedures																	
X Signs posted at access points		Notices in newspapers		Public meetings													
Notices distributed to residents		Signal or marker system		Other													
Comments:																	
Part of work to be done by ERM and the other part by parks department.																	

Locations of boat ramps, Hydrilla and Other Plants proposed for control.



Florida Fish and Wildlife Conservation Commission, Chapter 68F-54, F.A.C. FY 2022-2023 Cooperative Aquatic Plant Control Program - Workplan				Invasive Plant Management Section	
Contractor Area:	Palm Beach County				
Water Body:	Pine, Lake	Water Body Code:	43148		
County:	Palm Beach	Water Body Acres:	35		
Major Water Uses: Water skiing, fishing, jet skiing, recreational boating.					
Species of Concern:					
Bird rookery.					
Management Objectives:					
This is a highly urbanized lake at the east end of the Palm Beach International Airport. The lake is used heavily for water skiing by the public. Hydrilla and floating plants need to be kept at lowest feasible levels to continue lake use.					
Plants to be Controlled		Acres to be Controlled	Estimated Cost	Control Method(s)	
Hydrilla verticillata		5	\$1,000.00	Fluridone (liquid), Fluridone (pellets), ProcellaCOR, Aquathol Super K, Aquathol K, Hydrothol 191, Diquat	
Floating Plants (Eichhornia and Pistia)		20	\$2,500.00	Diquat, Penoxsulam (liquid), ProcellaCOR, Flumioxazin	
Other Plants: (requires explanation below)					
1) Nymphoides cristata		10	\$2,600.00	Aquathol K, Flumioxazin, Glyphosate, Hydrothol 191, Diquat, Aquathol Super K, 2,4-D (liquid), ProcellaCOR	
2) Phragmites australis		1	\$260.00	Glyphosate, Imazamox, Flumioxazin	
3) Typha spp		5	\$1,300.00	Glyphosate, Imazamox	
Other Plants Explanation					
1) Control expansion of Nymphoides cristata.					
2) Reduce the amount of Phragmites growing along the shoreline and littoral shelf to allow for recruitment of desirable vegetation					
3) encourage desirable species in enhanced areas					
Public Notification Procedures					
<input checked="" type="checkbox"/> Signs posted at access points		<input type="checkbox"/> Notices in newspapers		<input type="checkbox"/> Public meetings	
<input type="checkbox"/> Notices distributed to residents		<input type="checkbox"/> Signal or marker system		<input type="checkbox"/> Other	
Comments:					

Locations of boat ramps, Hydrilla and Other Plants proposed for control.





INTEROFFICE MEMORANDUM
Palm Beach County
Environmental Resources Management

DATE: May 3, 2022

TO: Verdenia C. Baker
 County Administrator

THROUGH: Patrick Rutter *PR*
 Assistant County Administrator

FROM: Deborah Drum, Director *DD*
 Environmental Resources Management *5-3-22*

SUBJECT: REQUEST FOR DELEGATION OF APPROVAL AUTHORITY: **Governmental Contract No. FWC21149 with the State of Florida, Florida Fish and Wildlife Conservation Commission (FWC) (Contract), providing funding, to be specified in a task assignment on a reimburseable basis based on actual activities completed, for a three-year period of aquatic exotic plant control services performed by Palm Beach County's Department of Environmental Resources Management, Mosquito Control Division, beginning upon execution of the Contract and ending three years after the date of execution.**

On April 12, 2022, agenda item 3L-3 (R2022-0361), the Board of County Commissioners approved the County Administrator, or designee, to sign all future time extensions, task assignments, certifications, and other forms associated with the Contract, and any necessary minor amendments that do not substantially change the scope of work, terms, or conditions of the Contract.

This memorandum is my request for delegation of signatory authority for the Director or Deputy Director of Environmental Resources Management (ERM), to sign all future time extensions, task assignments, certifications, and other forms associated with this Contract, and any necessary minor amendments that do not substantially change the scope of work, terms, or conditions of the Contract. If you agree, please sign below and return this memorandum. I am available to answer any questions you may have concerning this request. Thank you in advance for your consideration.

APPROVED: *Verdenia C. Baker* DATE: *5/9/22*
 Verdenia C. Baker, County Administrator

DD:kf
 Attachment