Agenda Item: 3L3

# PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

## AGENDA ITEM SUMMARY

Meeting Date:	August 20, 2019	(X) Consent ( ) Workshop	()Regular ()Public Hearing
Donartmont	Environmentel Deserv		

### Department: Environmental Resources Management

## I. EXECUTIVE BRIEF

# Motion and Title: Staff recommends motion to receive and file:

**A)** Task Assignment Change Order No. 1, to Task Assignment No. IP7, Contract No. FWC11357 (R2012-0573) with Florida Fish and Wildlife Conservation Commission (FWC) decreases the Task Assignment No. IP7 by \$40,000 bringing the total for the State FY2018/2019 to \$37,781, and the \$40,000 is carried forward to Task Assignment No. IP8 for the State FY2019/2020; and

**B)** Task Assignment No. IP8 to Contract No. FWC11357 (R2012-0573) with FWC to provide aquatic vegetation control services for water bodies within the County and a cost reimbursement of \$65,852, for a term beginning upon execution to June 30, 2020.

**Summary:** On April 17, 2012, the Board of County Commissioners approved FWC Contract No. FWC11357 (R2012-0573) for aquatic vegetation control services in the following lakes: Clarke, Ida, Osborne, and Pine. This contract allows/obligates the County to treat and control 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. <u>Countywide</u> (SS)

**Background and Justification:** FWC Contract No. FWC11357 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 Change Order No. 1
- 2. Task Assignment No. IP8
- 3. Delegated Authority Memos

Recommended b		4-26-19
	Department Director	Date
Approved by:	Pal	811119
	Assistant County Administrator	Date
	-	

# **II. FISCAL IMPACT ANALYSIS**

# A. Five Year Summary of Fiscal Impact:

Fiscal Years	2019	2020	2021	2022	2023
Capital Expenditures					
Operating Costs	<u>130,633</u>				
External Revenues	<u>(130,633)</u>				
Program Income (County	()				
In-Kind Match (County)					
NET FISCAL IMPACT	0				(manual data and a second data and a s
No. ADDITIONAL FTE POSITIONS (Cumulative	2)				
Is Item Included in Curre	nt Budget?	Yes _	<u>X_</u>	No	
Does this item include th	e use of fede	eral funds?	Yes	No <u>X</u>	
Budget Account No.: F Program	<sup>-</sup> und <u>0001</u> De	partment <u>38(</u>	<u>)</u> Unit <u>3249</u> O	bject	

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

C. D

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Department Fiscal Review:

# **III. REVIEW COMMENTS**

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

7130719 wù **Ө**FMB (Uw) 7 /26 Contract Dev. and Control Legal Sufficiency: 7/31/19 Assistant County Attorney

C. **Other Department Review:** 

**Department Director** 

#### TASK ASSIGNMENT CHANGE ORDER FORM CONTRACT NO. FWC11357

Task Assignment Number: IP7

Task Assignment Term: Contractor Name: Contractor's Contract Manager/Telephone: Contractor's Site Manager/Telephone: FWC Contract Manager/Telephone: FWC Site Manager/Telephone: Change Order Number: 1 Date: June 18, 2019 June 29, 2018 to June 30, 2019 Palm Beach County JEFFREY BUCK (863) 699-6733 John Raymundo 561-681-3861 Jenny Beesley Mariah McInnis ,Susanna Toledo 772-597-6462

**Description of Change:** Decrease by \$40,000.00, which brings the total for FY18/19 to \$37,781.00. Work shall be conducted pursuant to details stated on the current executed Task Assignment work plan pages and any executed Change Orders for this Task. All work must be coordinated with FWC Regional Biologist(s). The FWC, Contract Manager for the Invasive Plant Management Section may issue modifications to this Task Assignment altering the scope of the invasive 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 this Task Assignment reducing the cost reimbursement amount and any changes to the Term.

CHANGE IN TASK AMOUNT	
ltem	Cost Reimbursement
Original task amount:	\$77,781.00
Task amount prior to this change order:	\$77,781.00
Net increase/(decrease) in task amount:	(\$40,000.00)
Task amount with all change orders:	\$37,781.00
CHANGE IN TASK TERM	
Original task completion date:	6/30/2019
Completion date prior to this change:	6/30/2019
Net increase/(decrease) in task period:	NA
Completion date with all change orders:	NA
Change in Funding Information:	

Org Code	EO	Fund	Category	Fiscal Year	Object Code	PID	Amount
77358090300	3K	423002	102334	2018-2019	139900	97839391000	\$37,781.00

#### Approvals: Palm Beach County

6-27-19 Manager(g Date 6-27-19 Date

Fish and Wildlife Conservation Commission Division of Habitat and Species Conservation

PLA ntract Manager(or Designee)

Section Leader(or Designee) Invasive Plant Management Section Date

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Contract No. FWC11357, Task Assignment Change Order

#### TASK ASSIGNMENT NOTIFICATION FORM CONTRACT NO. FWC11357

Task Assignment Number:	IP8
Task Assignment Term:	Upon Execution to June 30, 2020
Contractor Name:	Palm Beach County
Contractor's Contract Manager/Telephone:	Gary Goode 561-233-4392
Contractor's Site Manager/Telephone:	John Raymundo 561-681-3861
FWC Contract Manager/Telephone:	Jenny Beesley
FWC Site Manager/Telephone:	Brendon Hession, Susanna Toledo 772-597-6462

Task Description: Provide aquatic vegetation control services in accordance with the work plan for water bodies within Palm Beach County. Work shall be conducted pursuant to details stated on the attached work plan pages. All work must be coordinated with FWC Regional Biologist(s). Work shall be conducted pursuant to details stated on the current executed Task Assignment work plan pages and any executed Change Orders for this Task. The FWC, Contract Manager for the Invasive Plant Management Section may issue modifications to this Task Assignment altering the scope of the invasive 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 this Task Assignment reducing the cost reimbursement amount and any changes to the Term

Deliverables: Task IP8. Contractor is to provide aquatic vegetation control services on water bodies as identified in the Task Assignment work plan pages. Contractor will perform monthly aquatic vegetation control services to include, but not limited to; chemical treatment, snagging, pushing and hand pulling as needed per FWC task assignment. FWC will reimburse contractor for all work required for each task assignment.

#### Cost Reimbursement Task Assignment Amount: \$65,852.00

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 number.

Funding Information:

Approvals:

Org Code	EO	Fund	Category	Fiscal Year	Object Code	PID	Amount
77358090300	3K	423002	102334	2019-2020	139900	97839391000	\$65,852.00

Palm Beach County	
John S	
Contract Manager(of Designee)	<u>U-217-19</u> Date
DEBORAH DRUM	6-27-19

Fish and Wildlife Conservation Commission **Division of Habitat and Species Conservation** 

24/19 21 2 ntract Manage for Designee)

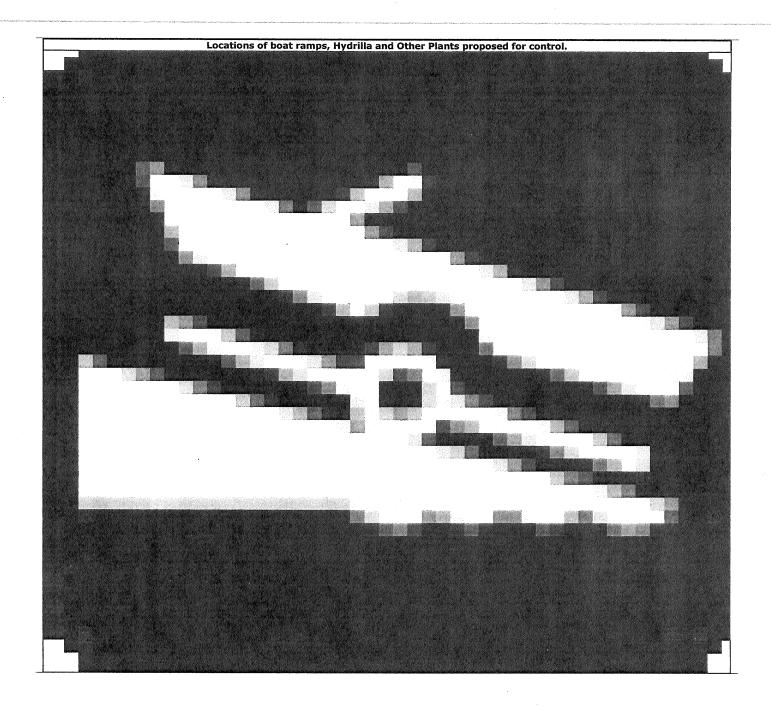
Section Leader(or Designee) Invasive Plant Management Section Date

APPROYED AS TO FORM AND LEGAL SUFFICIENCY	
TH	
COUNTY ATTORNEY	

CC:Contract office Finanace and Budget Office Regional Biologist

Completed Task Assignment: Contract No.FWC11357, Task Assignment Notification IP8

Flori	da Fish and 2019-2020	Wildlife Conse O Cooperative A	rvation Commission Quatic Plant Contro	, Chapter 68F-54, F I Program - Workpl	A.C.	Invasive Plant Management
Contractor Area:			Palm Beach C			Section S. A
Water Body:	Admini	stration	Wate	r Body Code:	345	
County:	Brev	vard	Water	Body Acres:	1	
Major Water Uses:Admir	)					Realition const
<b>Species of Concern:</b> Admin						
<b>Management Objective</b> Admin	5:					
			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	·····	
Plants to be Cont	olled	Acres to be Controlled	Estimated Cost		Control Me	ethod(s)
Other Plants: (requires e	xplanation be	elow)				
1)Admin admin		1	\$1.00	Mechanical (Other)		
Other Plants Explanatio	n			·		
1)Billing for administration	·	· · · · · · · · · · · · · · · · · · ·				
					~	
	<u> </u>					
Public Notification Proce	dures					
Signs posted at access		Notice	s in newspapers	Public mee	etinas	
Notices distributed to r			or marker system	X Other		****
Comments:						
Billing for administration						



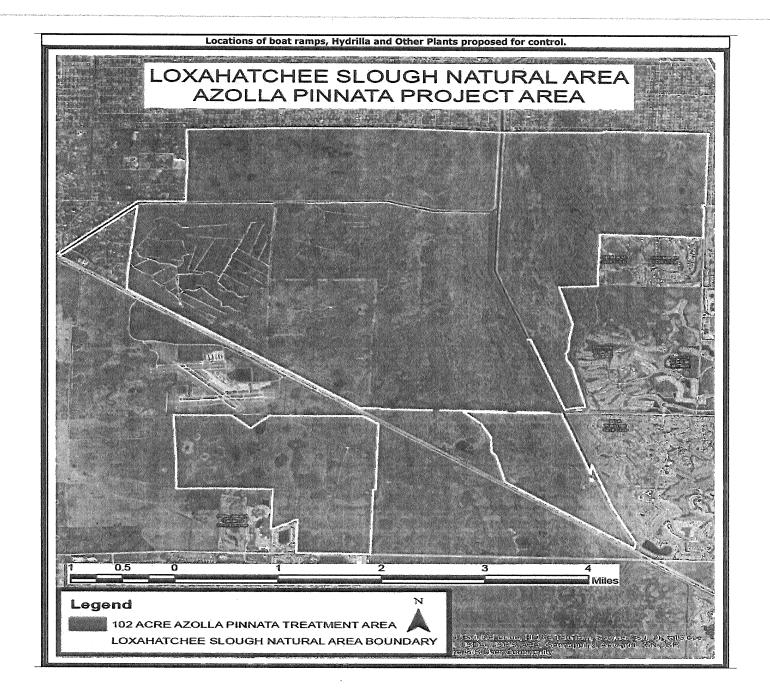
Contractor Area:       Palm Beach County       Section         Water Body:       Clarke, Lake       Water Body Code:       43149         County:       Palm Beach       Water Body Acres:       33         Major Water Uses:       Fishing, water skiing, boating.       33         Species of Concern:       None.       Species of Concern:         None.       Species of Concern:       Species of concern:         None.       Species of concern:       Species concern:         None.       Species concern:       Species concern:         Species concern:       Species concern:       Species co				rvation Commission			Invasive Plant Management
Water Body:       Clarke, Lake       Water Body Code:       43149         County:       Paim Beach       Water Body Acres:       33         Major Water Uses:       Fishing, water skiing, jet skiing, boating.       33         Species of Concern:       Species of Concern:       Species of Concern:         None.       Species of Concern:       Species of Concern:         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 do not allow for grass carp to be used. Need to keep hydrilla and the floating plant population at lowest feasable level to allow for public water use.         Plants to be Controlled       Acres to be Controlled       Estimated Cost       Control Method(s)         Hydrilla verticillata       10       \$2,150.00       Hydrothol 191, Aquathol Super K, Aquathol K, Diquat, Fluridone (liquid), Penoxsulam (liquid), Penoxsulam (granular), ProcellaC         Plants to be Controlled       Signal or marker system       Hydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Super K, 2,4-D (liquid), ProcellaCOR         Other Plants:       (requires explanation       18       \$3,190.00       Hydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Super K, 2,4-D (liquid), ProcellaCOR         Other Plants Explanation       18       \$3,190.00       Hydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Super K, 2,4-			cooperative /			71d11	
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 di not allow for grass carp to be used. Need to keep hydrilla and the floating plant population at lowest feasable level to allow for public water use.         Plants to be Controlled       Acres to be Controlled       Estimated Cost       Control Method(s)         Hydrilla verticillata       10       \$2,150.00       Flydrothol 191, Aquathol Super K, Aquathol K, Diquat, Fluridone (liquid), ProcellaC         Floating Plants (Eichhornia and Pistia)       52       \$7,762.00Diguat         Other Plants: (requires explanation below)       1)       Nymphoides cristata       18         1) Other Plants Explanation       18       \$3,190.00       Flydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Su         Public Notification Procedures	Water Body:	Clarke,	Lake			43149	
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 di not allow for grass carp to be used. Need to keep hydrilla and the floating plant population at lowest feasable level to allow for public water use.         Plants to be Controlled       Acres to be Controlled       Estimated Cost       Control Method(s)         Hydrilla verticillata       10       \$2,150.00       Fluridone (pellets), Penoxsulam (liquid), Penoxsulam (granular), ProcellaC         Floating Plants (Eichhornia and Pistia)       52       \$7,762.00Diguat         Other Plants: (requires explanation below)       11       hydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Su         1)Nymphoides cristata       18       \$3,190.00       \$3,190.00         Public Notification Procedures	County:	Palm B	each	Water	Body Acres:	33	
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Plants to be Controlled       Controlled       Estimated Cost       Control Method(s)         Hydrilla verticillata       10       \$2,150.00       Hydrothol 191, Aquathol Super K, Aquathol K, Diquat, Fluridone (liquid), Fluridone (pellets), Penoxsulam (liquid), Penoxsulam (granular), ProcellaCO         Other Plants: (requires explanation below)       52       \$7,762.00       Diquat         1)Nymphoides cristata       18       \$3,190.00       Hydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Su K, 2,4-D (liquid), ProcellaCOR         Other Plants Explanation       18       \$3,190.00       K, 2,4-D (liquid), ProcellaCOR         Other Plants Explanation       18       \$3,190.00       K, 2,4-D (liquid), ProcellaCOR         Public Notification Procedures       Notices in newspapers       Public meetings         X Signs posted at access points       Notices in newspapers       Public meetings         Notices distributed to residents       Signal or marker system       Other				ine and the neutropy	funt population at 1		
Plants to be Controlled       Controlled       Estimated Cost       Control Method(s)         Hydrilla verticillata       10       \$2,150.00       Hydrothol 191, Aquathol Super K, Aquathol K, Diquat, Fluridone (liquid), Fluridone (pellets), Penoxsulam (liquid), Penoxsulam (granular), ProcellaCO         Other Plants: (requires explanation below)       52       \$7,762.00       Diquat         1)Nymphoides cristata       18       \$3,190.00       Hydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Su K, 2,4-D (liquid), ProcellaCOR         Other Plants Explanation       18       \$3,190.00       K, 2,4-D (liquid), ProcellaCOR         Other Plants Explanation       1       \$3,190.00       K, 2,4-D (liquid), ProcellaCOR         Public Notification Procedures       Notices in newspapers       Public meetings         X Signs posted at access points       Notices in newspapers       Public meetings         Notices distributed to residents       Signal or marker system       Other							
Ind       \$2,150.00       Fluridone (pellets), Penoxsulam (liquid), Penoxsulam (granular), ProcellaC         Floating Plants (Eichhornia and Pistia)       52       \$7,762.00       Signa posted at access points       Digual         Other Plants: (requires explanation below)       11       \$3,190.00       Hydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Su K, 2,4-D (liquid), ProcellaCOR         Other Plants Explanation       11       \$3,190.00       K, 2,4-D (liquid), ProcellaCOR         Public Notification Procedures       Notices in newspapers       Public meetings         Notices distributed to residents       Signal or marker system       Other	Plants to be Contro	olled		Estimated Cost		Control M	Method(s)
Floating Plants (Eichhornia and Pistia)       52       \$7,762.00       Diquat         Other Plants: (requires explanation below)       1       11       Hydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Su K, 2,4-D (liquid), ProcellaCOR         Other Plants Explanation       11       11       \$3,190.00       Hydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Su K, 2,4-D (liquid), ProcellaCOR         Other Plants Explanation       11       11       11       11         1)Control expansion Nymphoides cristata.       11       11       11       11         Public Notification Procedures       X       Signs posted at access points       Notices in newspapers       Public meetings         Notices distributed to residents	Hydrilla verticillata		10	\$2,150.00	Hydrothol 191, Aqu Fluridone (pellets),	iathol Super K, Aqu Penoxsulam (liquid	iathol K, Diquat, Fluridone (liquid), I), Penoxsulam (granular), ProcellaCO
1)Nymphoides cristata       18       \$3,190.00       Hydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Su K, 2,4-D (liquid), ProcellaCOR         Other Plants Explanation       1)Control expansion Nymphoides cristata.         1)Control expansion Nymphoides cristata.         Public Notification Procedures         X_ Signs posted at access points	Floating Plants (Eichhornia	and Pistia)	52	\$7,762.00			
1)Nymphoides cristata       18       \$3,190.00       Hydrothol 191, Flumioxazin, Aquathol K, Glyphosate, Diquat, Aquathol Su K, 2,4-D (liquid), ProcellaCOR         Other Plants Explanation       1)Control expansion Nymphoides cristata.         1)Control expansion Nymphoides cristata.         Public Notification Procedures         X_ Signs posted at access points	Other Plants: (requires ex	planation be	low)				
Other Plants Explanation         1)Control expansion Nymphoides cristata.         Public Notification Procedures         X_Signs posted at access points      Notices in newspapers         Notices distributed to residents      Other				\$3,190.00	Hydrothol 191, Flui K, 2,4-D (liquid), P	mioxazin, Aquathol rocellaCOR	K, Glyphosate, Diquat, Aquathol Sup
			· · · · · · · · · · · · · · · · · · ·				
Public Notification Procedures         X_Signs posted at access points      Notices in newspapers      Public meetings         Notices distributed to residents      Signal or marker system      Other			L				
X_Signs posted at access points        Notices in newspapers         Public meetings           Notices distributed to residents        Signal or marker system        Other	()Control expansion Nympi	noides crista	ta				
X_Signs posted at access points        Notices in newspapers         Public meetings           Notices distributed to residents        Signal or marker system        Other							
X_Signs posted at access points        Notices in newspapers         Public meetings           Notices distributed to residents        Signal or marker system        Other							
X_Signs posted at access points        Notices in newspapers         Public meetings           Notices distributed to residents        Signal or marker system        Other	Public Notification Proce	dures			······		
Notices distributed to residentsSignal or marker systemOther			Notice	es in newspapers	Public m	leetinas	
Comments:	Notices distributed to re	sidents				······································	
	Comments:						



Contractor Area: Water Body: Id County: Pa Major Water Uses: Fishing, water Species of Concern: None. Management Objectives: This is a very urbanized lake with plants need to be maintained at th Plants to be Controlled Hydrilla verticillata Floating Plants (Eichhornia and Pis Other Plants: (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	da, Lake Im Beach skiing, jet skiing, re skiing bublic use. It large public use. It he lowest feasible le Acres to be Controlled 20	Water B ecreational boating, wil is part of an open cana vels. The lake is also a Estimated Cost \$3,000.00	al system which doe	40001 159 es not allow for use o Area. <b>Control Me</b>	ethod(s)
County: Pa Major Water Uses: Fishing, water Species of Concern: None. Management Objectives: This is a very urbanized lake with plants need to be maintained at th Plants to be Controlled Hydrilla verticillata Floating Plants (Eichhornia and Pis Other Plants: (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	Im Beach skiing, jet skiing, re large public use. It ne lowest feasible le Acres to be Controlled 20	Water I Water B ecreational boating, wil is part of an open cana vels. The lake is also a Estimated Cost \$3,000.00	Body Code: Body Acres: Idlife observation. al system which doe a Fish Management ,	159 es not allow for use o Area. <b>Control Me</b>	of grass carp. Hydrilla and floating
Major Water Uses: Fishing, water Species of Concern: None. Management Objectives: This is a very urbanized lake with plants need to be maintained at th Plants to be Controlled Hydrilla verticillata Floating Plants (Eichhornia and Pis Other Plants: (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	skiing, jet skiing, re large public use. It ne lowest feasible le Acres to be Controlled 20	ecreational boating, wil is part of an open cana vels. The lake is also a Estimated Cost \$3,000.00	Idlife observation.	es not allow for use o Area. Control Me	ethod(s)
Species of Concern: None. Management Objectives: This is a very urbanized lake with plants need to be maintained at th Plants to be Controlled Hydrilla verticillata Floating Plants (Eichhornia and Pis Other Plants: (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	large public use. It ne lowest feasible le Acres to be Controlled 20	ecreational boating, wil is part of an open cana vels. The lake is also a Estimated Cost \$3,000.00	Idlife observation.	es not allow for use o Area. Control Me	ethod(s)
None. Management Objectives: This is a very urbanized lake with plants need to be maintained at th Plants to be Controlled Hydrilla verticillata Floating Plants (Eichhornia and Pis Other Plants: (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	Acres to be Controlled 20	vels. The lake is also a Estimated Cost \$3,000.00	a Fish Management /	Area. Control Me	ethod(s)
None. Management Objectives: This is a very urbanized lake with plants need to be maintained at th Plants to be Controlled Hydrilla verticillata Floating Plants (Eichhornia and Pis Other Plants: (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	Acres to be Controlled 20	vels. The lake is also a Estimated Cost \$3,000.00	a Fish Management /	Area. Control Me	ethod(s)
Management Objectives: This is a very urbanized lake with plants need to be maintained at th Plants to be Controlled Hydrilla verticillata Floating Plants (Eichhornia and Pis Other Plants: (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	Acres to be Controlled 20	vels. The lake is also a Estimated Cost \$3,000.00	a Fish Management /	Area. Control Me	ethod(s)
This is a very urbanized lake with plants need to be maintained at the <b>Plants to be Controlled</b> Hydrilla verticillata Floating Plants (Eichhornia and Pis <b>Other Plants:</b> (requires explanational) 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	Acres to be Controlled 20	vels. The lake is also a Estimated Cost \$3,000.00	a Fish Management /	Area. Control Me	ethod(s)
This is a very urbanized lake with plants need to be maintained at the <b>Plants to be Controlled</b> Hydrilla verticillata Floating Plants (Eichhornia and Pis <b>Other Plants:</b> (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	Acres to be Controlled 20	vels. The lake is also a Estimated Cost \$3,000.00	a Fish Management /	Area. Control Me	ethod(s)
This is a very urbanized lake with plants need to be maintained at the <b>Plants to be Controlled</b> Hydrilla verticillata Floating Plants (Eichhornia and Pis <b>Other Plants:</b> (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	Acres to be Controlled 20	vels. The lake is also a Estimated Cost \$3,000.00	a Fish Management /	Area. Control Me	ethod(s)
plants need to be maintained at the plants to be Controlled Plants to be Controlled Hydrilla verticillata Floating Plants (Eichhornia and Pis Other Plants: (requires explanationationationationationationationati	Acres to be Controlled 20	vels. The lake is also a Estimated Cost \$3,000.00	a Fish Management /	Area. Control Me	ethod(s)
Plants to be Controlled Hydrilla verticillata Floating Plants (Eichhornia and Pis Other Plants: (requires explanationationationationationationationati	Acres to be Controlled 20	Estimated Cost \$3,000.00		Control Me	• •
Hydrilla verticillata Floating Plants (Eichhornia and Pis <b>Other Plants:</b> (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	Controlled 20	\$3,000.00	Aquathol Super K. A		• •
Hydrilla verticillata Floating Plants (Eichhornia and Pis <b>Other Plants:</b> (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	Controlled 20	\$3,000.00	Aquathol Super K. A		• •
Floating Plants (Eichhornia and Pis <b>Other Plants:</b> (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis			Aquathol Super K. A	Aquathol K. Hydrotho	l 191. Diquat
<b>Other Plants:</b> (requires explanation 1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	tia) and	+1.005.00	1	-quality in alound	
1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis	ua)	\$4,025.00	Penoxsulam (liquid)	), Flumioxazin, Diquat	, ProcellaCOR
1)Nuphar advena 2)Nymphoides cristata 3)Phragmites australis					
2)Nymphoides cristata 3)Phragmites australis					
3)Phragmites australis	2		Glyphosate		
	7			Flumioxazin, Glypho	sate, Hydrothol 191, Aquathol Super
	1		Glyphosate		
4)Typha spp	1	\$100.00	Imazamox		
Other Plants Explanation					
1)Open up/maintain pier for fishing	opportunition			www.co	
2)Control expansion N. cristata.	j opportunities				
3)Prevent Phragmites form expand	ling into native resto	pration littoral areas al	ong Lake Ida Park a	nd SE shoreline	
4)Maintain fishing access around p	vier		bilg Luke Idd i dik di	na oe onorenne.	
					·
Public Notification Procedures					
X_Signs posted at access points		es in newspapers	Public me	eetings	
Notices distributed to residents	Signal	or marker system	Other		
<b>Comments:</b> Part of the work will be done by E					

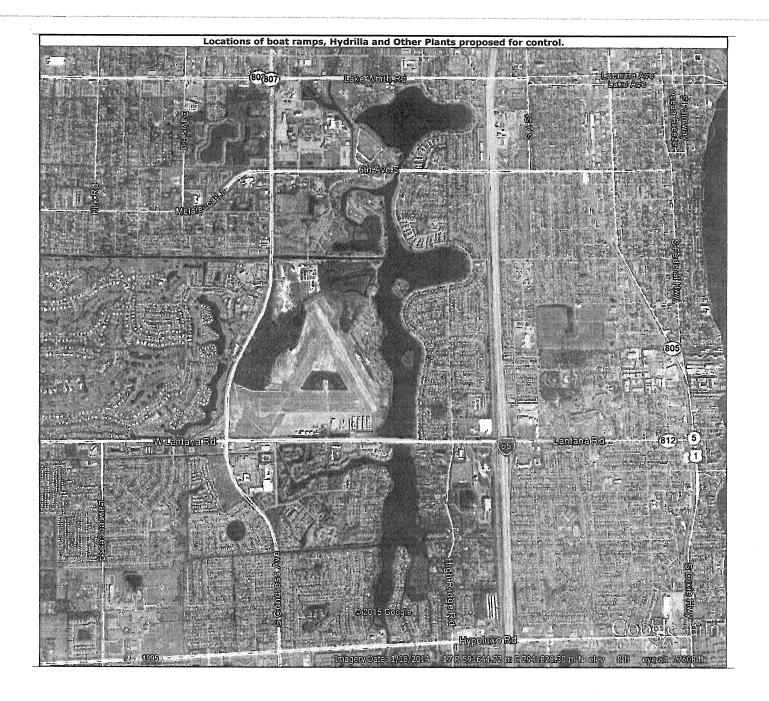


ſ	Florida Fish and	Wildlife Conse	ervation Commission	, Chapter 68F-54,	F.A.C.	Invasive Plant ash Avo
	FY 2019-202	0 Cooperative /	<b>Aquatic Plant Contro</b>	l Program - Workp	lan	Management
Contractor Area:			Palm Beach C	ounty		Section 2, PA
Water Body:	Loxahatchee Slo	ugh Natural Area	a Water	Body Code:	405	
County:	Palm	Beach	Water	Body Acres:	12841	
Major Water Uses:	Wildlife habitat, c	anoeing, kayakir	ng and fishing			
			N			ATION CONT
			· · · · · · · · · · · · · · · · · · ·			
Species of Concern	1					
Snail kite, Swallow-ta		birds		NTUTITI La Constanti de la Cons		······································
	·····					
Management Object						
Preservation of nine	native habitats					
Plants to be (	Controlled	Acres to be Controlled	Estimated Cost		Control Me	thod(s)
Other Blants (requi		-1				
Other Plants: (requi	res explanation b	elow)				
1)Azolla pinnata		11	\$1.00	Diquat, Flumioxazin	, Glyphosate	
Other Plants Explai	nation			·····		
1)Eradication efforts	for invasive spec	ies				
Public Notification	Procedures					90
Signs posted at ac		Notice	es in newspapers	Public me	etinas	
Notices distributed			or marker system	X_Other	Jeango	
Comments:				<u> </u>		
Will post as needed					······································	



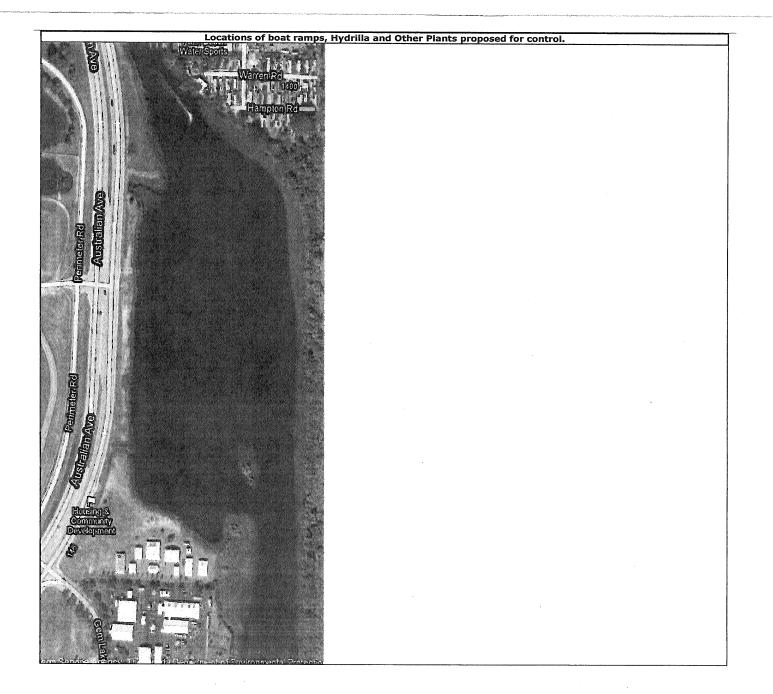
Contractor Area:       Paim Beach County       Section         Water Body:       Osborne, Lake       Water Body Code:       40002         County:       Paim Beach       Water Body Code:       356         Major Water Uses:       Fishing, water skling, jet skling, recreational boating, wildlife observation.       Section         Species of Concern:				ervation Commission			Invasive Plant ANO , Management Strange
Water Body:         Osborne, Lake         Water Body Code:         40002           County:         Paim Beach         Water Body Acres:         356           Aajor Water Uses:         Fishing, water skiing, jet skiing, recreational boating, wildlife observation.         356           Sipecies of Concern:         Dis, woodstorks.         356           Anagement 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 contribution. It is important to keep hydrille and floating plants at lowest feasible levels. There are also large areas of litoral restoration that requine other plants that may expand into these areas.           Plants to be Controlled         Acres to be Controlled Controlled         Estimated Cost         Control Method(s)           Major Plants: (Eichhornia and Pistia)         140         \$17,250.00         Aquathol Super K, Aquathol K, Hydrothol 191, Diquat, Penoxsulam Giyphosate, Penoxsulam (liquid)           Where Plants: (requires explanation below)		1 2019 2020	cooperative		and the second		
Major Water Uses: Fishing, water skiing, jet skiing, recreational boating, wildlife observation.       Social Science	Water Body:	Osborne	, Lake			40002	
Major Water Uses       Fishing, water skiing, jet skiing, recreational boating, wildlife observation.         Species of Concern:       Dis, woodstorks.         Management Objectives:       Dis, woodstorks.         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 nethod. It is important to keep hydrilla and floating plants at lowest feasible levels. There are also large areas of littoral restoration that require nother plants that may expand into these areas.         Plants to be Controlled       Acres to be Controlled (S)         Advilla verticillata       780         Ydrilla verticillata       780         Yoy Plants (Eichhornia and Pistia)       140         \$17,250.00Diguat, Flumioxazin, Glyphosate, Penoxsulam (Iiquid)         2ther Plants: (requires explanation below)       2,4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate, Penoxsulam (Iiquid)         2)Pragmites australis       2         2)Pragmites from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.         2)Prevent Paragemites from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         2)Prevent Cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         2)Prevent Cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.	County:	Palm B	each	Water	Body Acres:	356	
Dis, woodstorks.         Anagement 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 controlled.         Is is nortant to keep hydrilla and floating plants at lowest feasible levels. There are also large areas of littoral restoration that require not the plants that may expand into these areas.         Plants to be Controlled       Acres to be Controlled       Estimated Cost       Control Method(s)         Advirilla verticillata       780       \$8,000.00       Aquathol Super K, Aquathol K, Hydrothol 191, Diquat, Penoxsulam ProcellaCOR         Idoating Plants (Eichhornia and Pistia)       140       \$17,250.00       Diquest, Flumioxazin, Glyphosate, Penoxsulam (liquid)         Where Plants: (requires explanation below)             Wymphoides cristata       42       \$7,140.00       2/4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate, Penoxsulam (liquid)         Where Plants: (requires explanation below)            Wymphoides cristata       42       \$7,140.00       2/4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate         Where Plants Explanation       2       \$1,000.00           Worthol expansion of N. cristata. <tr< td=""><td>Major Water Uses: Fishi</td><td>ng, water skiiı</td><td>ng, jet skiing, r</td><td>ecreational boating, w</td><td>Idlife observation.</td><td></td><td>The second second</td></tr<>	Major Water Uses: Fishi	ng, water skiiı	ng, jet skiing, r	ecreational boating, w	Idlife observation.		The second second
Aanagement 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 contranethod. It is important to keep hydrilla and floating plants at lowest feasible levels. There are also large areas of littoral restoration that requine nother plants that may expand into these areas.         Plants to be Controlled       Acres to be Controlled       Estimated Cost       Control Method(s)         Advilla verticillata       780       \$8,000.00       Aquathol Super K, Aquathol K, Hydrothol 191, Diquat, Penoxsulam ProceillaCOR         Ioating Plants (Eichhornia and Pistia)       140       \$17,250.00       Diquat, Flumioxazin, Glyphosate, Penoxsulam (liquid)         Where Plants: (requires explanation below)							
his 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 contri- nethod. It is important to keep hydrilla and floating plants at lowest feasible levels. There are also large areas of littoral restoration that requi in other plants that may expand into these areas.           Plants to be Controlled         Acres to be Controlled         Estimated Cost         Control Method(s)           Adjuilla verticillata         780         \$8,000.00         Aquathol Super K, Aquathol K, Hydrothol 191, Diquat, Penoxsulam ProcellaCOR           Ioating Plants (Eichhornia and Pistia)         140         \$17,250.00         ProcellaCOR           Ioating Plants (requires explanation below)         \$7,140.00         2,4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate, Hydrothol 191, ProcellaCOR           Other Plants: (requires explanation below)         \$1,000.00         2,4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate, Hydrothol 191, ProcellaCOR           Other Plants Explanation         2         \$1,000.00         \$1,000.00           Orprevent Phragmites from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.         Prevent cattalls from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.           Prevent cattalls from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.           Prevent cattalls from expanding into native plant restoration littoral areas in various J	ois, woodstorks.						
Acres to be Controlled       Estimated Cost       Control Method(s)         Agathol Super K, Aquathol K, Hydrothol 191, Diquat, Penoxsulam ProcellaCOR       Aquathol Super K, Aquathol K, Hydrothol 191, Diquat, Penoxsulam ProcellaCOR         Acres to be Controlled       780       \$8,000.00       Aquathol Super K, Aquathol K, Hydrothol 191, Diquat, Penoxsulam ProcellaCOR         Acres to be Controlled       780       \$17,250.00       Diquat, Flumioxazin, Glyphosate, Penoxsulam (liquid)         Other Plants: (requires explanation below)       \$2,4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate, Hydrothol 191, ProcellaCOR         Whymphoides cristata       42       \$7,140.00       \$2,4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate, Hydrothol 191, ProcellaCOR         Where Plants: (requires explanation below)       2       \$1,000.00       \$2,4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate         Where Plants Explanation       2       \$1,000.00       \$1,000.00       \$19,000.00         OPrevent Phragmites from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.       \$1,000.00         OPrevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.       \$1,000.00         OPrevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.       \$2,000			- la 1				
Plants to be Controlled       Controlled       Estimated Cost       Control Method(s)         Aydrilla verticillata       780       \$8,000.00       Aquathol Super K, Aquathol K, Hydrothol 191, Diquat, Penoxsulam ProcellaCOR         Plants (Eichhornia and Pistia)       140       \$17,250.00       Diquat, Flumioxazin, Glyphosate, Penoxsulam (liquid)         Other Plants: (requires explanation below)       \$7,140.00       \$7,140.00       \$2,4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate, Hydrothol 191, ProcellaCOR         Dyhragmites australis       2       \$1,000.00       Glyphosate, Hydrothol 191, ProcellaCOR         Dyther Plants Explanation       2       \$1,000.00       Glyphosate         Dyther Plants Explanation       2       \$1,000.00       Glyphosate         Dyrevent Phragmites from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.       Procellacons.         Dyrevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.       Public Notification Procedures         Collars Signs posted at access points       _Notices in newspapers       _Public meetings	nethod. It is important t	o keep hydrilla	a and floating p	on use. It is part of a plants at lowest feasibl	arger open canal sy e levels. There are	vstem so grass carp c also large areas of litt	an not be used as a control coral restoration that require wor
Procenación         Procenación         Plants (Eichhornia and Pistia)         140       \$17,250.00 Diquat, Flumioxazin, Glyphosate, Penoxsulam (liquid)         Other Plants: (requires explanation below)         .)Nymphoides cristata       42         \$7,140.00       2,4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate, Hydrothol 191, ProcellaCOR         2)Phragmites australis       2         3)Typha spp       2         2)Other Plants Explanation         .)Control expansion of N. cristata.         .)Prevent Phragmites from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.         .)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         .)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         .)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.	Plants to be Cont	trolled					
Dther Plants: (requires explanation below)         1.)Nymphoides cristata       42         \$7,140.00       2,4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate, Hydrothol 191, ProcellaCOR         2)Phragmites australis       2         3)Typha spp       2         2)Other Plants Explanation         .)Control expansion of N. cristata.         .)Prevent Phragmites from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.         .)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         .)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         .)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         .)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.	lydrilla verticillata		780	\$8,000.00	Aquathol Super K, ProcellaCOR	Aquathol K, Hydrothol	191, Diquat, Penoxsulam (liquid)
1)Nymphoides cristata       42       \$7,140.00       2,4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate, Hydrothol 191, ProcellaCOR         2)Phragmites australis       2       \$1,000.00       Glyphosate, Hydrothol 191, ProcellaCOR         3)Typha spp       2       \$1,000.00       Glyphosate         2)Other Plants Explanation       2       \$1,000.00       Glyphosate         2)Orevent 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.         2)Prevent Cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         2)Prevent Cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         2)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         2)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         2)Public Notification Procedures         4) Signs posted at access points       Notices in newspapers       Public meetings	loating Plants (Eichhorn	ia and Pistia)	140	\$17,250.00	Diquat, Flumioxazir	i, Glyphosate, Penoxsi	ulam (liquid)
Nymphoides cristata       42       \$7,140.00       2,4-D (liquid), Aquathol K, Aquathol Super K, Diquat, Flumioxazin, Glyphosate, Hydrothol 191, ProcellaCOR         )Phragmites australis       2       \$1,000.00       Glyphosate, Hydrothol 191, ProcellaCOR         )Typha spp       2       \$1,000.00       Glyphosate         Other Plants Explanation       2       \$1,000.00       Glyphosate         Ocntrol expansion of N. cristata.       )Prevent Phragmites from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.         )Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         Outlic Notification Procedures	ther Plants: (requires (	explanation be					
)Phragmites australis       2       \$1,000.00 Glyphosate         )Typha spp       2       \$1,000.00 Glyphosate         )Ther Plants Explanation				\$7,140.00	2,4-D (liquid), Aqua Glyphosate, Hydrot	athol K, Aquathol Sup	er K, Diquat, Flumioxazin,
Other Plants Explanation         .)Control expansion of N. cristata.         .)Prevent Phragmites from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.         .)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         .)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.	Phragmites australis		2	\$1,000.00			
Control expansion of N. cristata.         Prevent Phragmites from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.         Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         Public Notification Procedures         Signs posted at access points	)Typha spp		2	\$1,000.00	Glyphosate		
Prevent Phragmites from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.         Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.         Public Notification Procedures         Signs posted at access points							
Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations. Public Notification Procedures Signs posted at access pointsNotices in newspapersPublic meetings							
Public Notification Procedures         Signs posted at access points      Notices in newspapers	Prevent Phragmites from e	m expanding i	nto native plan	t restoration littoral ar	eas at various John	Prince Park shoreline	e locations.
Signs posted at access pointsNotices in newspapersPublic meetings							
Signs posted at access pointsNotices in newspapersPublic meetings	Public Notification Proc	edures					
			Notic	es in newspapers	Public m	eetings	
					Other		
Comments: Part of work to be done by ERM and the other part by parks department.							

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Flori	da Fish and Y 2019-2020	Wildlife Conse Cooperative A	ervation Commission Aquatic Plant Contro	, Chapter 68F-54, Program - Workr	F.A.C.	Invasive Plant Management
Contractor Area:			Palm Beach Co		71071	Section S. S.
Water Body:	Pine,	Lake	Water	Body Code:	43148	
County:	Paim E	Beach	Water B	ody Acres:	35	
Major Water Uses: Wate	r skiing, fishi	ng, jet skiing, re	ecreational boating.			The state of the second
	••••••••••••••••••••••••••••••••••••••					
Species of Concern:						
Bird rookery.						
·				•		
Management Objective						
		ast end of the P	Palm Beach Internation	al Airport The lake	is used beauly for y	vater skiing by the public. Hydrilla
and floating plants need t	to be kept at	lowest feasible	levels to continue lake	e use.	s is used neavily for v	vater skillig by the public. Hydrilla
<b>5</b> - <b>1</b>						
Plants to be Cont		Acres to be Controlled	Estimated Cost		Control Me	ethod(s)
Plants to be Cont Hydrilla verticillata	rolied	Acres to be Controlled 20	\$2,000.00	Aquathol Super K, ,	Control Me Aquathol K, Hydrotho	
Plants to be Cont Hydrilla verticillata	rolied	Acres to be Controlled	\$2,000.00	Aquathol Super K, . Diquat		
<b>Plants to be Cont</b> Hydrilla verticillata Floating Plants (Eichhorni	<b>rolled</b> a and Pistia)	Acres to be Controlled 20 15	\$2,000.00	Aquathol Super K, , Diquat		
<b>Plants to be Cont</b> Hydrilla verticillata Floating Plants (Eichhorni	<b>rolled</b> a and Pistia)	Acres to be Controlled 20 15	\$2,000.00 \$2,000.00	Diquat	Aquathol K, Hydrotho	bl 191, Diquat
Plants to be Cont Hydrilla verticillata Floating Plants (Eichhorni Other Plants: (requires e 1)Nymphoides cristata	<b>rolled</b> a and Pistia)	Acres to be Controlled 20 15 elow) 13	\$2,000.00 \$2,000.00 \$2,795.00	Diquat Aquathol K, Flumio K, 2,4-D (liquid), Pi	Aquathol K, Hydrotho	
Plants to be Cont Hydrilla verticillata Floating Plants (Eichhorni Other Plants: (requires e	<b>rolled</b> a and Pistia)	Acres to be Controlled 20 15 elow)	\$2,000.00 \$2,000.00 \$2,795.00	Diquat	Aquathol K, Hydrotho	bl 191, Diquat
Plants to be Cont Hydrilla verticillata Floating Plants (Eichhornia Other Plants: (requires e 1)Nymphoides cristata 2)Phragmites australis	rolied a and Pistia) explanation be	Acres to be Controlled 20 15 elow) 13	\$2,000.00 \$2,000.00 \$2,795.00	Diquat Aquathol K, Flumio K, 2,4-D (liquid), Pi	Aquathol K, Hydrotho	bl 191, Diquat
Plants to be Cont Hydrilla verticillata Floating Plants (Eichhorni Other Plants: (requires e 1)Nymphoides cristata 2)Phragmites australis Other Plants Explanatio	rolled a and Pistia) explanation be	Acres to be Controlled 20 15 elow) 13 1	\$2,000.00 \$2,000.00 \$2,795.00	Diquat Aquathol K, Flumio K, 2,4-D (liquid), Pi	Aquathol K, Hydrotho	bl 191, Diquat
Plants to be Cont Hydrilla verticillata Floating Plants (Eichhorni Other Plants: (requires e 1)Nymphoides cristata 2)Phragmites australis Other Plants Explanatio 1)Control expansion of Ny	rolled a and Pistia) explanation be m m mphoides cri	Acres to be Controlled 20 15 elow) 13 1 stata.	\$2,000.00 \$2,000.00 \$2,795.00 \$1,000.00	Diquat Aquathol.K, Flumio K, 2,4-D (liquid), Pi Glyphosate	Aquathol K, Hydrotho xazin, Glyphosate, H rocellaCOR	ydrothol 191, Diquat, Aquathol Supe
Plants to be Cont Hydrilla verticillata Floating Plants (Eichhorni Other Plants: (requires e 1)Nymphoides cristata 2)Phragmites australis Other Plants Explanatio 1)Control expansion of Ny	rolled a and Pistia) explanation be m m mphoides cri	Acres to be Controlled 20 15 elow) 13 1 stata.	\$2,000.00 \$2,000.00 \$2,795.00 \$1,000.00	Diquat Aquathol.K, Flumio K, 2,4-D (liquid), Pi Glyphosate	Aquathol K, Hydrotho xazin, Glyphosate, H rocellaCOR	ydrothol 191, Diquat, Aquathol Supe
Plants to be Cont Hydrilla verticillata Floating Plants (Eichhorni Other Plants: (requires e 1)Nymphoides cristata 2)Phragmites australis Other Plants Explanatio 1)Control expansion of Ny	rolled a and Pistia) explanation be m m mphoides cri	Acres to be Controlled 20 15 elow) 13 1 stata.	\$2,000.00 \$2,000.00 \$2,795.00 \$1,000.00	Diquat Aquathol.K, Flumio K, 2,4-D (liquid), Pi Glyphosate	Aquathol K, Hydrotho xazin, Glyphosate, H rocellaCOR	ydrothol 191, Diquat, Aquathol Supe
Plants to be Cont Hydrilla verticillata Floating Plants (Eichhornia Other Plants: (requires e 1)Nymphoides cristata 2)Phragmites australis Other Plants Explanatio 1)Control expansion of Ny 2)Reduce the amount of F	rolied a and Pistia) explanation b explanation b phragnities g	Acres to be Controlled 20 15 elow) 13 1 stata.	\$2,000.00 \$2,000.00 \$2,795.00 \$1,000.00	Diquat Aquathol.K, Flumio K, 2,4-D (liquid), Pi Glyphosate	Aquathol K, Hydrotho xazin, Glyphosate, H rocellaCOR	ydrothol 191, Diquat, Aquathol Supe
Plants to be Cont Hydrilla verticillata Floating Plants (Eichhornia Other Plants: (requires e 1)Nymphoides cristata 2)Phragmites australis Other Plants Explanatio 1)Control expansion of Ny 2)Reduce the amount of F	rolied a and Pistia) explanation b explanation b phragnities g	Acres to be Controlled 20 15 elow) 13 1 stata.	\$2,000.00 \$2,000.00 \$2,795.00 \$1,000.00	Diquat Aquathol.K, Flumio K, 2,4-D (liquid), Pi Glyphosate	Aquathol K, Hydrotho xazin, Glyphosate, H rocellaCOR	ydrothol 191, Diquat, Aquathol Supe
Plants to be Cont Hydrilla verticillata Floating Plants (Eichhorni Other Plants: (requires e 1)Nymphoides cristata 2)Phragmites australis Other Plants Explanatio 1)Control expansion of Ny 2)Reduce the amount of F Public Notification Proce X_Signs posted at access	rolled a and Pistia) explanation be con m mphoides cri Phragmities g edures s points	Acres to be Controlled 20 15 elow) 13 1 istata. rowing along the	\$2,000.00 \$2,000.00 \$2,795.00 \$1,000.00	Diquat Aquathol.K, Flumio K, 2,4-D (liquid), Pi Glyphosate	Aquathol K, Hydrotho xazin, Glyphosate, Hy rocellaCOR ecruitment of desirat	ydrothol 191, Diquat, Aquathol Supe
Plants to be Cont Hydrilla verticillata Floating Plants (Eichhornia Other Plants: (requires e 1)Nymphoides cristata 2)Phragmites australis Other Plants Explanatio 1)Control expansion of Ny 2)Reduce the amount of F Public Notification Proce	rolled a and Pistia) explanation be con m mphoides cri Phragmities g edures s points	Acres to be Controlled 20 15 elow) 13 1 istata. rowing along the Notice	\$2,000.00 \$2,000.00 \$2,795.00 \$1,000.00 e shoreline and littoral	Diquat Aquathol.K, Flumio: K, 2,4-D (liquid), Pi Glyphosate shelf to allow for re	Aquathol K, Hydrotho xazin, Glyphosate, Hy rocellaCOR ecruitment of desirat	ydrothol 191, Diquat, Aquathol Supe

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#### **ATTACHMENT 2**



#### INTEROFFICE MEMORANDUM Palm Beach County Environmental Resources Management

DATE:

August 2, 2018

Patrick Rutter

TO:

Verdenia C. Baker County Administrator

THROUGH:

FROM:

Deborah Drum, Director Environmental Resources Management

Assistant County Administrator

SUBJECT: CLARIFICATION OF THE INTENT OF PREVIOUS DELEGATION OF APPROVAL AUTHORITY MEMOS

The intent of previously delegated authority memos was to delegate the signatory authority to the current Director and Deputy Director of Environmental Resources Management (ERM).

This memorandum clarifies that Deputy Director Michael Stahl and I have signatory authority to sign all future time extensions, task assignments, certifications, and other documents associated with previously approved and delegated Board items. 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:** 

DATE: 8/ 9/18

8/7/18

Verdenia C. Baker, County Administrator

DD:kf