## PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

# AGENDA ITEM SUMMARY

Meeting Date: September 13, 2016 (X) Consent ( ) Regular ( ) Workshop ( ) Public Hearing
Department: Submitted By: Environmental Resources Management Submitted For: Environmental Resources Management
I. EXECUTIVE BRIEF
Motion and Title: Staff recommends motion to receive and file: Task Assignment Number IP5 to Contract No. FWC11357 (R2012-0573) with the Florida Fish and Wildlife Conservation Commission (FWC) providing for aquatic vegetation control services for water bodies within Palm Beach County and a cost reimbursement of \$50,000 for a term beginning upon execution to June 30, 2017.
<b>Summary:</b> On April 17, 2012, the Board of County Commissioners approved FWC Contract No. FWC11357 (R2012-0573) for aquatic vegetation control services in Lakes Clarke, Ida, Osborne, and Pine. Delegated authority to execute all future time extensions task assignments, certification, and any other forms associated with this Contract was approved at that time. Countywide (AH)
<b>Background and Justification:</b> Contract FWC11357 with the FWC reimburses the County for its efforts in controlling aquatic weeds within the Chain of Lakes. Adaptive management techniques along with delegated authority, 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. IP5 2. Delegation of Authority
Recommended by: 8/3/16 Department Director Date
Approved by:  Deputy County Administrator  Date

# II. FISCAL IMPACT ANALYSIS

A. Five	e Year Summa	ry of Fiscal I	mpact:			
Operating External R Program I	penditures Costs	2016 50,000 (50,000) ty)	2017	2018	2019	2020
NET FISCA	AL IMPACT	0			***************************************	
	IONAL FTE IS (Cumulative	e)				
ls Item Inc	luded in Curre	ent Budget?	Yes	x	No	
Budget Ac	count No.: Pro	Fund <u>122</u> gram	<u>?6</u> Depar	tment <u>380</u>	Unit <u>3249</u>	Object
В.	Recommen	ded Sources	of Funds/Sı	ımmary of F	iscal Impact:	
C.	Department	Fiscal Revie	w: L. Neany			
		III. REV	IEW COMM	<u>ENTS</u>		
A.	OFMB Fisca	l and /or Con	tract Dev. a	nd Control (	Comments:	
B.	OFMB & &	. N.S	gllb Cont	ract Develop	Jaroban Oment and Cor 31/16/Ta	
	Assistant Co	Helicent punty Attorne	<u>9/1/</u> 16 y			
C.	Other Depar	tment Review	7:			
	Department	Director				

## ATTACHMENT 1

### TASK ASSIGNMENT NOTIFICATION FORM CONTRACT NO. FWC11357

Task Assignment Number:

Task Assignment Term:

Upon Execution to June 30, 2017

Contractor Name:

Palm Beach County

Contractor's Contract Manager/Telephone:

Robert Robbins 561-233-2400

Contractor's Site Manager/Telephone:

Barry Jennings 561-681-3855

FWC Contract Manager/Telephone:

Kat Ethridge 850-617-9430

FWC Site Manager/Telephone:

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: Receipt of an itemized invoice, chemical invoices and approved and signed 454 (Report of Operation) forms. A completed invoice package is due by the 20th of each month with the exception of the invoice for the month of June. A complete invoice package 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.

Cost Reimbursement Task Assignment Amount:

\$50,000.00

Invoicing Frequency: Invoices are submitted monthly. Invoices are submitted after work has been completed by the Contractor. If the Contractor materially fails to comply with the terms and conditions, including any Federal or State stages, rules or regulations, the FWC shall temporarily with hold 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 Contractor reimburse FWC for reprocurement costs.

#### Funding Information:

Org Code	EO	Fund	Category	Fiscal Year	Object Code	PID	Amount
7735-8090-300	3K	423002	102334	2016-2017	139900	97839391000	\$50,000.00

Approvals: Palm Beach County

Contract Manager(or Designee)

Fish and Wildlife Conservation Commission Division of Habitat and Species Conservation

Contract Manager(or Designee)

Section Leader(or Designee)

MPPROVED AS ITO FORM AND

LEGAL SUFFICIENCY

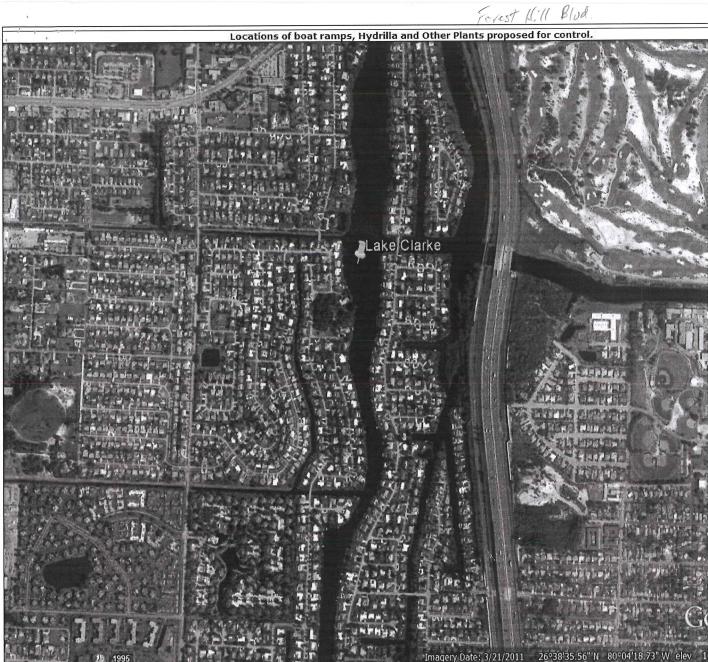
Invasive Plant Management Section

CC:Contract office Finanace and Budget Office Regional Biologist

	da Fish and Wildlife Y 2016-2017 Coope					Invasive Plant Management
Contractor Area:		P.	alm Beach Coun	ty		Section E
Water Body:	Administration	2	Water Be	ody Code:	345	8 8 8
County:	Leon		Water Bo	dy Acres:	1	\$ \\\ \overline{\pi}_{\overline{\pi}}
Major Water Uses: Admir	1	7.6	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			ATION COMP
Species of Concern:						
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Plants to be Cont	rolled Acres	Ections	ited Cost		Control Me	thod(s)
Other Plants: (requires e	xplanation below)					
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Other Plants Explanation  1) Billing for administration				<del></del>		·
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Notices distributed to r		Signal or marker		X Other	sai igs	
Comments:						1
Billing for administration					8	
- 800 + 60 800 17 - 7 17 1						



FT.			vation Commission, Iquatic Plant Control			Invasive Plant Management
Contractor Area:			Palm Beach Co	unty		Section # (
Water Body:	Clarke, La	ake	Water £	Body Code:	43149	8 28
County:	Palm Bea	ch	Water B	ody Acres:	33	
Major Water Uses: Fishing,	, water skiing,	, jet skiing, bo	ating.	x = 0		4710N COM
	1 15 to 1					
Species of Concern:				16		3
Vone.						
Management Objectives:	- 100 C 000 E 100 C	State 13 ( B. D. Tell Polyment St. 15)				
his lake is very umbanized	with most of	the shoreline s	seawalled (90%). Recr	reational fishing pre	essure is very high. It	is a widening in a canal which doe
ot allow for grass carp to l	be used. Need	d to keep hydr	rilla and the floating pl	lant population at l	owest feasable level	to allow for public water use.
The state of the s						
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- 10 10			27.7	1 2 2		5.5
Plants to be Contro	llod	Acres to be	Estimated Cost		Control Me	thod(s)
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lydrilla verticillata	lled	Controlled				
Hydrilla verticillata Floating Plants (Eichhornia a	and Pistia)	Controlled 20 45	\$4,300.00			
Hydrilla verticillata Floating Plants (Eichhornia a	and Pistia)	Controlled 20 45	\$4,300.00 \$6,750.00	Diquat	iathol Super K, Aquat	hol K
lydrilla verticillata Floating Plants (Eichhornia a Other Plants: (requires exp	and Pistia)	Controlled 20 45	\$4,300.00 \$6,750.00	Diquat Hydrothol 191, Flur	iathol Super K, Aquat	
lydrilla verticillata Floating Plants (Eichhornia a Other Plants: (requires exp	and Pistia)	Controlled 20 45	\$4,300.00 \$6,750.00	Diquat	iathol Super K, Aquat	hol K
Hydrilla verticillata Floating Plants (Eichhornia a Other Plants: (requires exp L)Nymphoides cristata	and Pistia)	Controlled 20 45	\$4,300.00 \$6,750.00	Diquat Hydrothol 191, Flur	iathol Super K, Aquat	hol K
Hydrilla verticillata Floating Plants (Eichhornia a Other Plants: (requires explayment) Nymphoides cristata Other Plants Explanation	and Pistia)	20 45 w)	\$4,300.00 \$6,750.00	Diquat Hydrothol 191, Flur	iathol Super K, Aquat	hol K
lydrilla verticillata Floating Plants (Eichhornia a Other Plants: (requires exp C)Nymphoides cristata Other Plants Explanation	and Pistia)	20 45 w)	\$4,300.00 \$6,750.00	Diquat Hydrothol 191, Flur	iathol Super K, Aquat	hol K
Hydrilla verticillata Floating Plants (Eichhornia a Other Plants: (requires explayment) Nymphoides cristata Other Plants Explanation	and Pistia)	20 45 w)	\$4,300.00 \$6,750.00	Diquat Hydrothol 191, Flur	iathol Super K, Aquat	hol K
Hydrilla verticillata Floating Plants (Eichhornia a Other Plants: (requires explayment) Nymphoides cristata Other Plants Explanation	and Pistia)	20 45 w)	\$4,300.00 \$6,750.00	Diquat Hydrothol 191, Flur	iathol Super K, Aquat	hol K
Hydrilla verticillata Floating Plants (Eichhornia : Other Plants: (requires exp 1)Nymphoides cristata Other Plants Explanation 1)Control expansion Nympho	and Pistia)  planation belo	20 45 w)	\$4,300.00 \$6,750.00	Diquat Hydrothol 191, Flur	iathol Super K, Aquat	hol K
Hydrilla verticillata Floating Plants (Eichhornia : Other Plants: (requires explanation Other Plants Explanation O)Control expansion Nympho	and Pistia)  planation belo  oides cristata	20 45 w) 30	\$4,300.00 \$6,750.00	Diquat Hydrothol 191, Flur	nathol Super K, Aquat	hol K
Plants to be Contro Hydrilla verticillata Floating Plants (Eichhornia and Dither Plants: (requires explanation Dither Plants Explanation Dither Plants Explanation Discontrol expansion Nymphologous Public Notification Proced K. Signs posted at access propertical expansion of the procedure of the	and Pistia)  planation belo  planation belo  planation belo  planation belo  planation belo  planation belo  planation belo	20	\$4,300.00 \$6,750.00 \$10,200.00	Diquat Hydrothol 191, Flur K, 2,4-D (liquid)	nathol Super K, Aquat	hol K



Calu Clarke

Contractor Area:  Water Body:  County:  ajor Water Uses: Fishing, wa  pecies of Concern:  one.  anagement Objectives:	Ida, Lake Palm Beach ater skiing, jet skiing, re	Water Be	ody Code: ody Acres:	40001 159	Section Co
County: ajor Water Uses: Fishing, was secies of Concern: one. anagement Objectives:	Palm Beach	Water Be	ody Acres:		CONTRACTION CO
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ne.	ater skiing, jet skiing, re	ocreational boating, wild	dlife observation.		Canon co
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nagement Objectives:					ル 長
s is a very urbanized lake wi					à
	ith large public use. It i	s part of an open cana	l system which doe	s not allow for use of grass ca	arp. Hydrilla and floatin
nts need to be maintained a	t the lowest feasible le	vels. The lake is also a	Fish Management .	Area.	1
			×		\$\lambda_{\text{\tin}\text{\tex{\tex
Plants to be Controlled	Acres to be Controlled	Estimated Cost		Control Method(s)	(i)
Irilla verticillata	20	\$3,000.00	Aquathol Super K, A	Aquathol K, Hydrothol 191	(\$)
ating Plants (Eichhornia and	Pistia) 35	\$9,000.00	Penoxsulam (liquid),	, Flumioxazin, Diquat	j)
		1 7 AND 11 AT 12	The effect was the state of		21
ner Plants: (requires explan	ation below)			Vi	
Iternanthera philoxeroides			Glyphosate	2.1.2.00	
olocasia esculenta	. 2			nox, 2,4-D (liquid), Diquat	
luphar advena	1	\$540.000	Slyphosate		11 1404 4 11 1.0
lymphoides cristata	6	\$2,050.00	Diquat, Aquathol K, C. 2.4-D (liquid)	Flumioxazin, Glyphosate, Hydi	rothol 191, Aquathol Si
anicum repens	2	\$1,050.00	Glyphosate		
Panicum repens Phragmites australis	2	\$1,050.00	Glyphosate Glyphosate		
Panicum repens Phragmites australis Schoenoplectus californicus/	validus 1	\$1,050.00 \$540.00	Glyphosate		

Public meetings

Other

Notices in newspapers Signal or marker system

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

Public Notification Procedures
X\_Signs posted at access points
Notices distributed to residents



LAKE Id4 Rd.

Laterda

Lake Ida Delvay Bench, FL

# Florida Fish and Wildlife Conservation Commission, Chapter 68F-54, F.A.C. FY 2016-2017 Cooperative Aquatic Plant Control Program - Workplan

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.

Plants to be Controlled	Acres to be Controlled	Estimated Cost	Control Method(s)
Hydrilla verticillata	210	\$10,200.00	Aquathol Super K, Aquathol K, Hydrothol 191, Fluridone (liquid)
Floating Plants (Eichhornia and Pistia)	125	\$18,670.00	Diquat, Flumioxazin, Glyphosate, Penoxsulam (liquid)
Other Plants: (requires explanation b	elow)		An a contract
1)Alternanthera philoxeroides	3	\$1,580.00	Glyphosate
2)Colocasia esculenta	2	\$900.00	Imazamox, 2,4-D (liquid), Diquat, Glyphosate
3)Ludwigia octovalvis/peruviana	1	\$530.00	Glyphosate
4)Nymphoides cristata	12	\$4,080.00	Hydrothol 191, Glyphosate, Aquathol K, Flumioxazin, Diquat, Aquathol Supe K, 2,4-D (liquid)
5)Panicum repens	.5		Glyphosate
6)Phragmites australis	2	\$1,050.00	Glyphosate
7)Typha spp.	2	\$1,000.00	OGlyphosate
8)Urochloa mutica	1	\$530.00	OGlyphosate

#### Other Plants Explanation

- 1)Prevent alligatorweed from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.
- 2)Prevent taro from expanding at northern and western edge of Crinum Island and the shoreline of John Prince Park.
- 3)Prevent Ludwigia from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.
- 4)Control expansion of N. cristata.
- 5)Prevent torpedo grass from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.
- 6)Prevent Phragmites from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.
- 7)Prevent cattails from expanding into native plant restoration littoral areas in various John Prince Park shoreline locations.
- 8)Prevent paragrass from expanding into native plant restoration littoral areas at various John Prince Park shoreline locations.

#### Public Notification Procedures

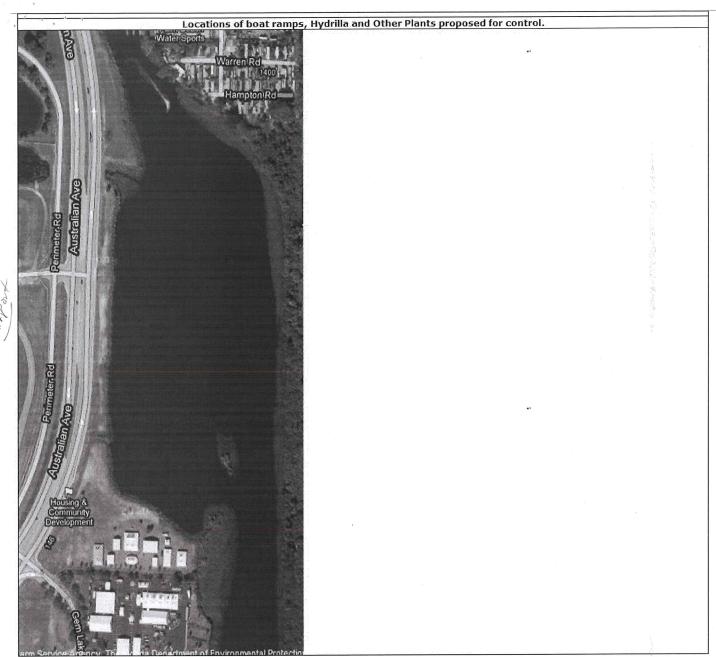
X Signs posted at access points	Notices in newspapers	Public meetings	
Notices distributed to residents	Signal or marker system	Other	
Comments:	Signal of marker system	Other	

Part of work to be done by ERM and the other part by parks department.



Lake Osberne

Florid FY	da Fish and Wildlife 7 2016-2017 Coope	Conserv	ration Commission, Chapte quatic Plant Control Progra	r 68F-54, F m - Workpla	.A.C. an	Invasive Plant
Contractor Area:			Palm Beach County			Section 2
Water Body:	Pine, Lake		Water Body Co	de:	43148	8 32 8
County:	Palm Beach	i	Water Body Acr	es:	35	
Major Water Uses: Water	skiing, fishing, jet sl	kiing, reci	reational boating.			CLATION COMP
Supplies of Consequen			127-2			# 67 68
Species of Concern: Bird rookery,						
Sil d Tookov y i						
7", 1 L . 195 2 3 5 1L3 is 07 8" 0, ii	h.					
Management Objectives	<b>5</b>	10.00	Sittle Laborator 18 altrad			
				rt. The lake	is used heavily for	water skiing by the public. Hydrilla
and floating plants need to	o be kept at lowest f	easible le	evels to continue lake use.			
<u> </u>						8
	Acres	to he	50 C 0 1 M 10 10 10 C 07 10 10 10 10 10 10 10 10 10 10 10 10 10		days, ex. Causa	Sur Was after a
Plants to be Contr	olled Contro		Estimated Cost		Control Me	thod(s)
Hydrilla verticillata	13.	20	\$3,100.00 Aquatho	Super K, Ac	quathol K, Hydrotho	l 191
Floating Plants (Eichhornia	and Pistia)	25	\$3,900.00 Diquat			
						*
Other Plants: (requires e	xpiariation below)					1 11 1 1 2 2 5 1 1 1 1 1
Other Plants: (requires e: 1)Nymphoides cristata	xpianation below)	10	\$2,150.00 Aquatho	K, Flumioxa	zin, Glyphosate', Hy	rdrothol 191, Diquat, Aquathol Supe
1)Nymphoides cristata	хріапацоп веюжу	10	\$2,150.00 Aquatho K, 2,4-D \$312.00 Glyphosa	(IIquia)	zin, Glyphosate, Hy	rdrothol 191, Diquat, Aquathol Supe
STALL TO CARD TO THE	xpianation below)	10	K, Z,4-D	(IIquia)	zin, Glyphosate', Hy	rdrothol 191, Diquat, Aquathol Supe
1)Nymphoides cristata		10	K, Z,4-D	(IIquia)	zin, Glyphosate', Hy	rdrothol 191, Diquat, Aquathol Supe
1)Nymphoides cristata 2)Panicum repens	n	10	K, Z,4-D	(IIquia)	zin, Glyphosate', Hy	rdrothol 191, Diquat, Aquathol Supe
1)Nymphoides cristata 2)Panicum repens Other Plants Explanatio	n mphoides cristata.	1	\$312.00 Glyphosa	(IIquia)	zin, Glyphosate', Hy	rdrothol 191, Diquat, Aquathol Supe
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Southard Blok.

PINE LAKE

## **ATTACHMENT 2**





# INTEROFFICE MEMORANDUM Palm Beach County Environmental Resources Management

DATE:

April 24, 2012

TO:

Robert Weisman

County Administrator

FROM:

Robert Robbins, Director

Environmental Resources Management

SUBJECT:

REQUEST FOR DELEGATION OF APPROVAL AUTHORITY:

Contract No. FWC 11357 with Florida Fish and Wildlife

Conservation Commission (FFWCC).

On April 17, 2012 agenda item 3L1 (R2012-0573) the County Commission approved the County Administrator or his designee to sign all future time extensions, task assignments, certification, and other forms associated with the Contract, and necessary minor amendments that do not change the scope of work, terms or conditions of the Contract.

This memorandum is my formal request for designation of me or Deputy Director Daniel Bates to sign any necessary amendments for the above mentioned projects. 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

Robert Weisman, County Administrator

DATE: 4

RR:mc Attachment