

May 2, 2019

Mr. Martin Murphy  
**Glades County Business Park**  
c/o Glades County Board of County Commissioners  
PO Box 10  
Moore Haven, Florida 33471

VIA EMAIL: [mmurphy@mvglades.com](mailto:mmurphy@mvglades.com)

Dear Mr. Murphy:

As requested, please find enclosed a *Special Services- Wetland Maintenance and Planting Agreement* for the wetlands at **Glades County Business Park**.

**Wetland Maintenance:** Wetland Management of the "invasives" growing in the wetlands. This will be accomplished through the utilization of a procedure known as "spot spraying," whereby the invasive growth can be managed without harming the desirable wetland plant growth.

**Beneficial wetland plant introduction:** Native aquatic plants are vital components of lake, pond and canal ecosystems. They form an important link between the base of the foodweb and the higher forms of plant and animal life. These plants provide protection, spawning and feeding habitats for aquatic animals, waterfowl and fish. Water quality is directly improved by the balance of ecological factors, including the presence of native wetland plants. We recommend introduction of clusters of the emergent aquatic plant species. These selected areas along the littoral region are indicated on the attached map.

Environmental benefits of a planting will be:

- Creation of wildlife sanctuary and waterfowl nesting areas.
- Sediment filtration.
- Absorption of excessive nutrients (from fertilization and road runoff).
- Erosion deterrent.
- Increased food chain supply.
- Improved fish habitat.
- Enhanced aesthetics (shoreline is presently barren).

A total one-time investment includes all wetland plant material, labor, insurance and travel time necessary for completion of your planting.

We look forward to working with you on implementing these integrated programs at **Glades County Business Park!**

Sincerely,



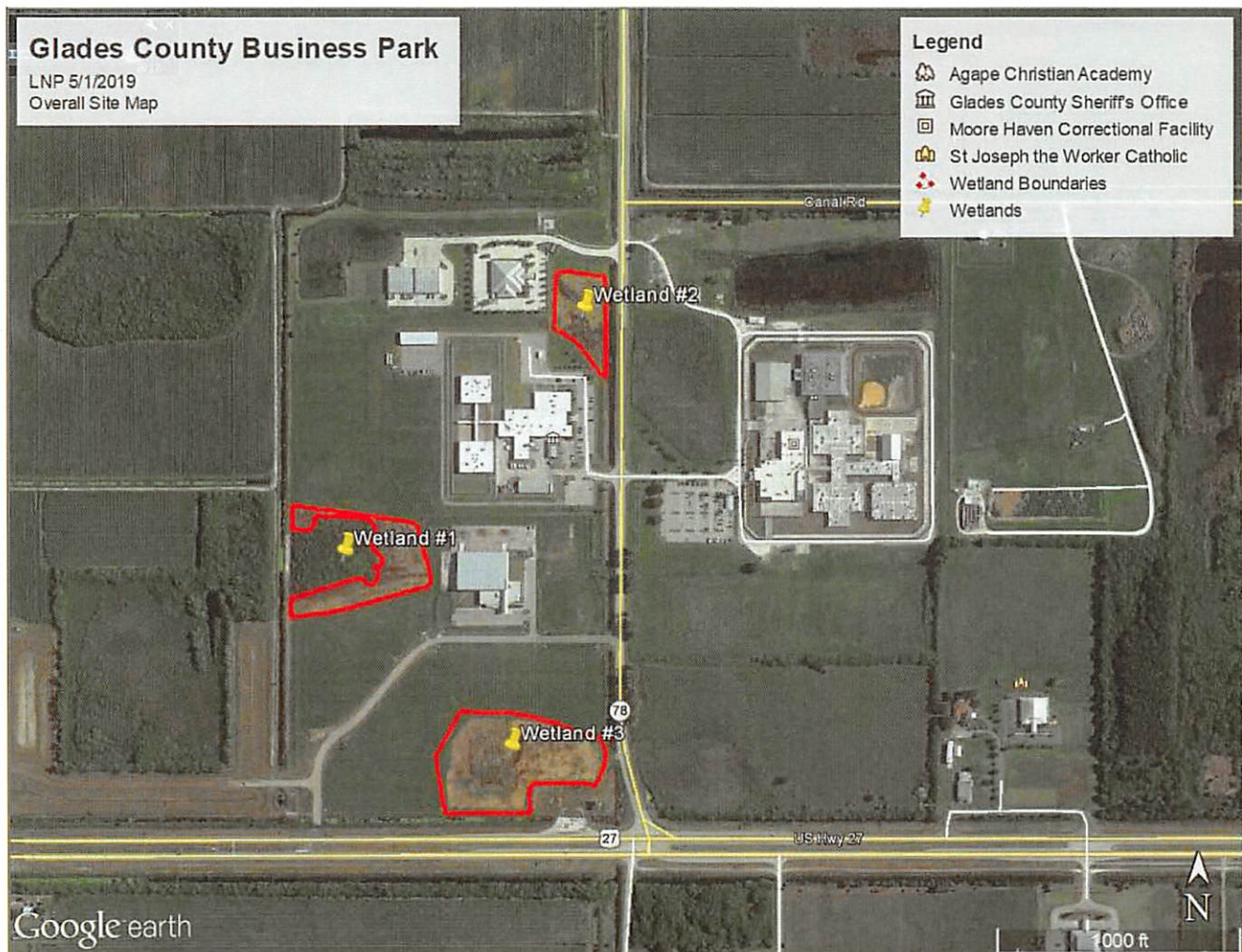
Lexus Pelfrey  
Sales Manager/Biologist  
LNP/lms

Enclosures

 **Vertex Water Features** Authorized Lake Aeration & Fountain Dealer

**2100 NW 33rd Street • Pompano Beach, FL 33069 • 1-800-432-4302 • [www.aquaticsystems.com](http://www.aquaticsystems.com)**  
**Ft. Myers • Ft. Pierce • Jacksonville • Miami • Pompano Beach • Sanford • Sarasota • St. Petersburg • Sun City • Wesley Chapel • Winter Garden**

## Site Map







# Create a Living Shoreline

## Improve the Quality of Your Lake and Lifestyle

Everyone appreciates how nice it looks having the right native aquatic plants along the shoreline of your lake or pond, especially when they bloom. But, there is more to native aquatic plants than looks! A properly created buffer zone aids in keeping your aquatic ecosystem healthy. Shoreline aquascaping by Aquatic Systems, a SÖLitude Lake Management® Company promotes and helps to maintain improved water quality in your waterways.

### PLANTING NATIVE AQUATIC PLANTS ALONG THE SHORELINE WILL HELP:



#### Control erosion

Without a buffer between the turf area and the lake or pond, erosion along the shoreline can occur and lead to high sedimentation rates into the waterbody, poor water quality and loss of the original landscape. Lining the shore with native plants will help stabilize the shoreline and reduce the chances of erosion-related issues.



#### Reduce non-native plant invasions

Plants become classified as invasive species when they invade areas outside of their native range, upset the natural community they have invaded and cause damage to the ecology or economy of an area. Having a variety of native plants in the buffer zone will allow them to out-compete invasive plants, making it much harder for invasive species to take root.



#### Improve water quality

Buffer zones along aquatic banks serve to reduce the transport of unwanted nutrients and sediment through the system and out to the watershed. Plants that actively filter nutrients without adding more reduce the nutrient load. Unwanted plant and algae growth in the water will be limited due to the filtration of nutrients from runoff.



#### Support wildlife habitat

A well-established buffer functions both as beneficial habitat for "good" wildlife and as barriers to nuisance wildlife. Buffers can provide safe habitat for many desirable species, including birds, frogs and rabbits, while allowing for an increase in the species diversity surrounding the lake. Nuisance wildlife, like geese often choose alternative locations for nesting and feeding since they are unable to see potential predators.



## AQUASCAPING A RESIDENTIAL POND: BEFORE, DURING AND AFTER



### Choosing the right native plants provides benefits for years to come.

The filtration of nutrients during rainfall events will be highly dependent upon the plants within the buffer area. Plants should be native species that are disease resistant, conducive to growth in that environment and resistant to drought. Also, plant location and spacing will often impact the success of nutrient removal.

The maximum benefits of a buffer zone are achieved only when you have a good mix of aquatic and upland species covering both the shallow-water areas and dry areas along the shoreline.

Lakes and ponds usually have several depth profiles. Generally, three to five feet around the shoreline provides great coverage. A customized native planting plan may include areas that are wider or more narrow to accommodate the terrain, plant preference, pond depth profile and the communities needs.

Once the plants are fully established it is important to maintain the plants properly to keep it beautiful and healthy for long term sustainability. Trimming the vegetation too often or improperly can add additional nutrients directly to the water, which can lead to additional water quality issues.

Plan now to create a lush area around your pond or lake.



CANNA LILY



PICKERELWEED



DUCK POTATO



SAND CORD GRASS



FAKAHATCHEE GRASS



SOFT RUSH



FRAGRANT WATER LILY



GULF SPIKE RUSH

Allow our experts to help you attain healthy, beautiful waterways.

Call 800.432.4302 today.

 **Aquatic Systems**  
LAKE & WETLAND SERVICES  
[aquaticsystems.com](http://aquaticsystems.com)





# Our Commitment to Responsible Lake Management

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Aquatic Systems has been effectively managing Florida lakes, ponds, wetlands and uplands using targeted treatments based on scientific research for over 40 years. Headquartered in Pompano Beach and operating throughout the state of Florida, we are committed to the restoration and maintenance of naturally occurring freshwater lakes and ponds, man-made storm water/pollution retention ponds, wetlands and preserves.

## Our Commitment to You

We believe that forming long-lasting partnerships with our customers is key to attaining beautiful, healthy waterways for all to enjoy.

### You can expect us to:

- Respond to all calls within 48 hours, our average is 97% response in under a day
- Deliver detailed reports after every visit
- Be available for board or community meetings to give presentations or just answer questions
- Propose and promote methods that are better for the environment and more cost effective over time

## Environmental Mission

We hire degreed biologists with the knowledge and experience to continuously assess and make recommendations based upon the conditions present each time they enter your property for service.

In addition to the tests we run for customers, our team of scientists engage in ongoing research to improve our lake management technology. Our goal is to find environmentally sound solutions that overcome this growing problem in the challenging Florida environment.

We use the observations of our service teams and the research from our labs to find and promote earth-friendly products and methods to treat both common and challenging water problems.

# Your Personal Lake & Wetland Management Team

---



**Robbin Huffines**  
General Manager

B.S. Candidate in Environmental Management University of Florida. 18 years' experience.



**Christina Kennedy**  
Sales Manager

B.S. in Zoology - Marine Ecosystem Management Michigan State University. Three years' experience.



**Lexus Pelfrey**  
Sales Manager

B.S. in Environmental Science Florida State University. Three years' experience.



**Sam Sardes**  
Weed Science  
Director, Certified Lake Professional

M.S. in Agronomy, University of Florida. Five years experience.



**Mason Maher**  
Service Manager

B.S. Environmental Science, Florida Gulf Coast University. Five years' experience.



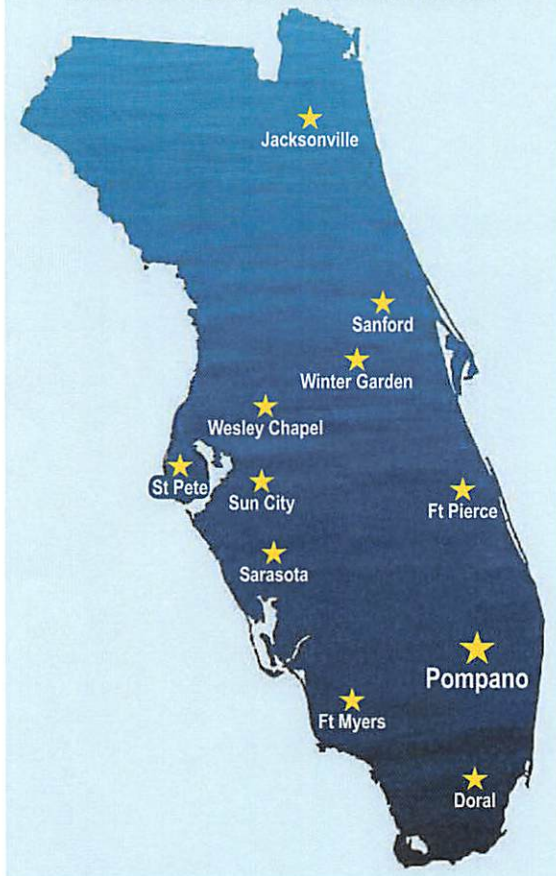
**Ean Sims**  
Regional Biologist

B.S. Biology, University of Maryland. One year experience.



## Your Local Area Satisfied ASI Customers

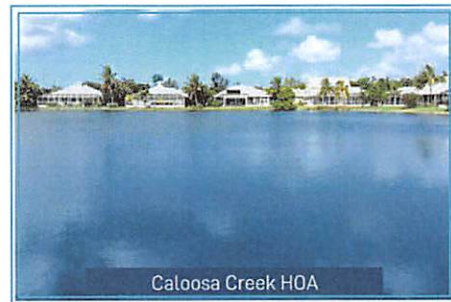
11 field offices throughout the state to service our customers



Lucaya CDD

### Community Development District

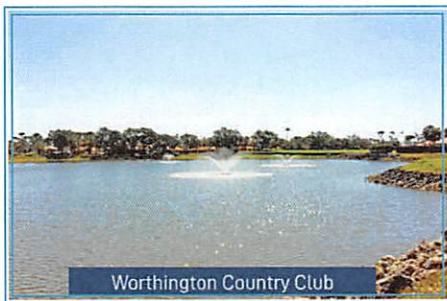
Lindsford CDD  
Lucaya CDD  
Pine Air Lakes CDD



Caloosa Creek HOA

### Home Owners Association

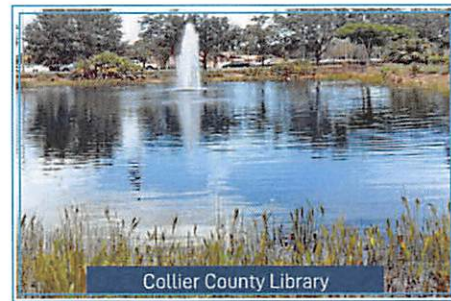
Caloosa Creek HOA  
Heatherwood Lakes HOA  
Twin Eagles HOA



Worthington Country Club

### Golf Course

Villages-Country Creek  
Worthington Country Club  
Naples National Golf Course



Collier County Library

### Government

City of Clewiston Basin  
Collier County Library



# Aquatic Management Programs

## Working in Florida Waterways Since 1977

Our beautiful Florida environments! We work and live in them every day! Aquatic Systems restores and maintains ponds, lakes, wetlands and preserves. Our exceptional results stem from using balanced and ecologically-compatible technologies.



### Algae and Aquatic Weed Control

- Treatments targeted to the specific algae or plant in each water body
- Ongoing research to determine the underlying causes of overgrowth
- Scheduled treatments with management reporting
- Degreed, state certified and licensed aquatic technicians



### Wetland and Upland Mitigation Services

- Design, creation and restoration of natural areas
- Exotic plant control and removal
- Mitigation management and government reporting
- Compliance violation correction services
- State certified and licensed natural areas field technicians



### Midge Fly and Mosquito Control

- Treatment for year-round control of nuisance organisms: swarming midge flies, mosquito larvae, leeches and more
- State licensed and insured in public health pest control



### Aquatic Lab and Field Testing and Research

- Experienced field biologists for field testing
- In-house labs for water quality testing and algae identification
- Aquatic weed science research lab to find better treatments
- Bathymetric mapping
- Easy to understand reports
- Staff biologist available for your questions



### Vertex Lake Aeration and Floating Fountains

- Sales, installation, service and repair by well-trained technicians of:
  - Bottom diffused aeration systems to improve overall water quality
  - Custom design/build of floating fountains up to 60 horsepower with spectacular display heights from 10' to 100'



### Fisheries Management

- Triploid grass carp to help control aquatic weeds
- Redear and bluegill help control midge flies
- Sport fish including largemouth bass, catfish and bluegill

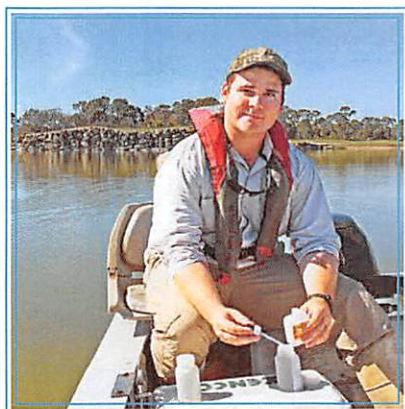


# Assessment Services

## Lake Water Quality Testing and Research Services

Aquatic Systems has a fully staffed, in-house laboratory to provide complete water testing services to our clients. Laboratory data have many uses; including determining suitability of water for recreation or for irrigation. All water chemistry and bacteria test reports include full explanations and an aquatic biologist is available at our laboratory to answer all your questions.

The team, shown below, consists of the top professionals in lake science and experienced regional biologists who receive ongoing training to perform all tests to the highest standards.



### FIELD ASSESSMENT SAMPLING

From identifying potential source points for excessive nutrients to oxygen and temperature levels; your assessments are performed by our highly trained field biologists.



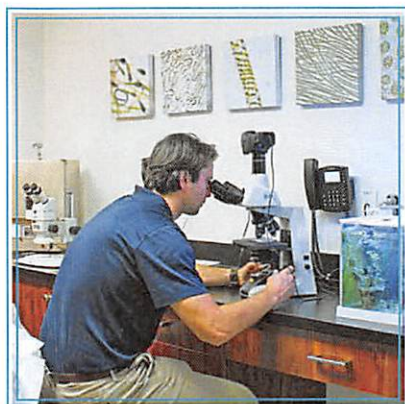
### BATHYMETRIC LAKE MAPPING

How deep is your lake? How thick is the vegetation? A 3-D map of the lake will help us treat the water more efficiently and/or specify the most effective aeration system.



### WATER QUALITY LAB

Water is more than H<sub>2</sub>O. It is comprised of a multitude of nutrients and particulates. Our lab scientists can perform over 30 specialized tests to determine your water's true chemistry.



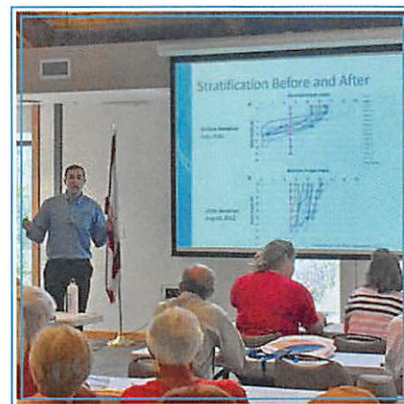
### ALGAE IDENTIFICATION LAB

To treat the algae, it's important to know what type of algae you are having problems with. We can identify both the type of algae and whether or not it is toxic.



### AQUATIC PLANT AND ALGAE LAB

Our in-house research lab studies difficult to control invasive species to find the most effective rate and types of treatments that minimize potential harm to the environment.



### CONSULTING SERVICES

Our experts are available for water resource management presentations, or to just answer questions at your meetings. Continuing Education Units (CEUs) are also available.



## Susan Whidden

---

**From:** Martin Murphy  
**Sent:** Friday, May 3, 2019 8:53 AM  
**To:** Susan Whidden  
**Subject:** FW: Glades County Business Park Bid  
**Attachments:** RFP 2019-02 .pdf; Glades County Business Park Special Services - Wetland and Planting Proposal.pdf

FYI

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**From:** Lexus Pelfrey <Lexus.Pelfrey@aquaticsystems.com>  
**Sent:** Friday, May 3, 2019 8:16 AM  
**To:** Martin Murphy <MMurphy@MYGLADES.COM>  
**Subject:** Glades County Business Park Bid

Hello Mr. Murphy,

Please see attached proposal for the exotic and nuisance vegetation treatment followed by supplemental plants for three wetland areas located within the Glades County Business Park. Thank you for giving Aquatic Systems, a SOLitude Lake Management company, the opportunity to bid on this project.

If you have any questions or concerns, please do not hesitate to ask!

Have a wonderful weekend!

Thank you,

### **Lexus Pelfrey**

Sales Manager/Biologist: Charlotte County, Glades County, Hendry County, and Highlands County  
Fort Myers Office: (239) 561-1003  
Pompano Beach Corporate Office: (800)-432-4302  
Vertex Water Features (844) 432-4303

[www.aquaticsystems.com](http://www.aquaticsystems.com)



*Everything a Lake Should Be*  
— SINCE 1977 —



**Wetland 1 & Buffer Area – 2.40 acres +/-**

|                                                           |                    |
|-----------------------------------------------------------|--------------------|
| First Exotic/Nuisance Vegetation Treatment                | \$ <u>1,848.00</u> |
| Second Exotic/Nuisance Vegetation Treatment (if required) | \$ <u>924.00</u>   |
| Planting (including installation)                         | \$ <u>8,838.00</u> |
| Subsequent Vegetation Treatments (per event)              | \$ <u>900.00</u>   |

**Wetland 2 & Buffer Area - 1.62 acres +/-**

|                                                           |                    |
|-----------------------------------------------------------|--------------------|
| First Exotic/Nuisance Vegetation Treatment                | \$ <u>1,618.00</u> |
| Second Exotic/Nuisance Vegetation Treatment (if required) | \$ <u>809.00</u>   |
| Planting (including installation)                         | \$ <u>5,925.00</u> |
| Subsequent Vegetation Treatments (per event)              | \$ <u>607.00</u>   |

**Wetland 3 & Buffer Area - 4.81 acres +/-**

|                                                           |                     |
|-----------------------------------------------------------|---------------------|
| First Exotic/Nuisance Vegetation Treatment                | \$ <u>3,607.00</u>  |
| Second Exotic/Nuisance Vegetation Treatment (if required) | \$ <u>1,837.00</u>  |
| Planting (including installation)                         | \$ <u>16,658.00</u> |
| Subsequent Vegetation Treatments (per event)              | \$ <u>1,837.00</u>  |

|                                              |                            |
|----------------------------------------------|----------------------------|
| <b>TOTAL (ALL WETLANDS) First Treatment</b>  | <b>\$ <u>7,073.00</u></b>  |
| <b>TOTAL (ALL WETLANDS) Second Treatment</b> | <b>\$ <u>3,570.00</u></b>  |
| <b>TOTAL (ALL WETLANDS) Planting</b>         | <b>\$ <u>31,421.00</u></b> |
| <b>GRAND TOTAL</b>                           | <b>\$ <u>42,064.00</u></b> |

## **Glades County Business Park 2019 Wetland Enhancement**

### **Scope**

Glades County has an approximate total of 8.84 acres in Wetlands 1, 2, and 3 as depicted in the attached Exhibits requiring a qualified contractor to provide both exotic and nuisance vegetation treatment and supplemental plantings. This will include an initial intensive nuisance and exotic vegetation maintenance event (manual herbicide application with no mechanized removal or mowing) followed by planting of the areas. The goal of the enhancement activity is to ensure the conservation areas contain at least 80% coverage by desirable wetland species and nuisance plant species to be no more than 5% total coverage as determined by qualified environmental professionals.

### **Exotic and Nuisance Vegetation Treatments:**

Conduct a minimum of one (1) selective exotic/nuisance vegetation treatment event in early April 2019 and based on desired results, a second selective follow-up treatment (if required) approximately Two (2) weeks prior to planting to ensure nuisance and exotic vegetation remains below 5% total cover. A site inspection visit within 10-14 days after the first exotic vegetation treatment must be coordinated with Johnson Engineering, a qualified ecologist, to assess the effectiveness and decide the need for a second follow-up treatment prior to planting. Treatment events will be conducted using manual labor and herbicide application in accordance with EPA label instructions for each herbicide. No mechanized vegetation treatment, such as mowing, will occur in the conservation areas.

### **Supplemental Plantings:**

A supplemental planting plan for the preserved wetlands and buffer areas within the conservation easements for wetlands 1 through 3 is attached. The planting plan includes installation of suitable, desirable native wetlands species on four feet (4') centers within the portions of wetlands 1 through 3 and their respective buffers. All of wetlands 1 and 3 and their buffers will be planted while only the north, east and south perimeters of wetland 2 and its buffer are proposed for planting since the center of Wetland 2 contains mostly desirable wetland vegetation. Planting acreages for wetlands 1 through 3 and their buffer areas total approximately 2.40 acres, 1.63 acres, and 4.81 acres, respectively. Planting is anticipated to occur in mid to late May 2019, subject to rainfall patterns and appropriate soil conditions to ensure plant survivability, without having to irrigate new plantings. The actual planting timeframe will be determined by Johnson Engineering.



Glades Business Park - SFWMD Application 131001-1  
March 2019 - Supplemental Planting Plan

| <b>Wetland 1 &amp; Buffer Supplemental Planting Area - 2.40 acres</b> |                              |                               |                  |                |                            |                 |
|-----------------------------------------------------------------------|------------------------------|-------------------------------|------------------|----------------|----------------------------|-----------------|
| <u>Common Name</u>                                                    | <u>Scientific Name</u>       | <u>Comments</u>               | <u>Min. Size</u> | <u>Stratum</u> | <u>Spacing<sup>1</sup></u> | <u>Quantity</u> |
| Fakahatchee grass                                                     | <i>Tripsacum dactyloides</i> | Perimeter / higher elevations | 1 gallon         | Ground cover   | 4' O.C. (70%)              | 350             |
| Sand cordgrass                                                        | <i>Spartina bakeri</i>       | Throughout                    | 1 gallon         | Ground cover   | 5' O.C. (70%)              | 1,961           |
| Maidencane                                                            | <i>Panicum hemitomon</i>     | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 386             |
| Sawgrass                                                              | <i>Cladium jamaicense</i>    | Lower elevations              | liner stock      | Ground cover   | 4' O.C. (70%)              | 386             |
| Yellow canna                                                          | <i>Canna flaccida</i>        | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 386             |
| <b>Subtotal:</b>                                                      |                              |                               |                  |                |                            | <b>3,470</b>    |
| <b>Wetland 2 &amp; Buffer Supplemental Planting Area - 1.63 acres</b> |                              |                               |                  |                |                            |                 |
| <u>Common Name</u>                                                    | <u>Scientific Name</u>       | <u>Comments</u>               | <u>Min. Size</u> | <u>Stratum</u> | <u>Spacing<sup>1</sup></u> | <u>Quantity</u> |
| Fakahatchee grass                                                     | <i>Tripsacum dactyloides</i> | Perimeter & higher elevations | 1 gallon         | Ground cover   | 4' O.C. (70%)              | 210             |
| Sand cordgrass                                                        | <i>Spartina bakeri</i>       | Throughout                    | 1 gallon         | Ground cover   | 5' O.C. (70%)              | 1,332           |
| Maidencane                                                            | <i>Panicum hemitomon</i>     | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 272             |
| Sawgrass                                                              | <i>Cladium jamaicense</i>    | Lower elevations              | liner stock      | Ground cover   | 4' O.C. (70%)              | 272             |
| Yellow canna                                                          | <i>Canna flaccida</i>        | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 272             |
| <b>Subtotal:</b>                                                      |                              |                               |                  |                |                            | <b>2,357</b>    |
| <b>Wetland 3 &amp; Buffer Supplemental Planting Area - 4.81 acres</b> |                              |                               |                  |                |                            |                 |
| <u>Common Name</u>                                                    | <u>Scientific Name</u>       | <u>Comments</u>               | <u>Min. Size</u> | <u>Stratum</u> | <u>Spacing<sup>1</sup></u> | <u>Quantity</u> |
| Fakahatchee grass                                                     | <i>Tripsacum dactyloides</i> | Perimeter & higher elevations | 1 gallon         | Ground cover   | 4' O.C. (70%)              | 329             |
| Sand cordgrass                                                        | <i>Spartina bakeri</i>       | Throughout                    | 1 gallon         | Ground cover   | 5' O.C. (70%)              | 3,931           |
| Maidencane                                                            | <i>Panicum hemitomon</i>     | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 898             |
| Sawgrass                                                              | <i>Cladium jamaicense</i>    | Lower elevations              | liner stock      | Ground cover   | 4' O.C. (70%)              | 898             |
| Yellow canna                                                          | <i>Canna flaccida</i>        | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 898             |
| <b>Subtotal:</b>                                                      |                              |                               |                  |                |                            | <b>6,954</b>    |
| <b>Total Plants:</b>                                                  |                              |                               |                  |                |                            | <b>12,781</b>   |

**Notes**

1. Planted vegetation shall be from a local or regional (Orlando or south) source and nursery grown.
2. All harvested plant material shall be from a FDEP approved and permitted harvested site.
3. Plant installation work consists of furnishing and installing the complete plant materials and appliances required for the installation. Changes to plant species must be approved by the construction supervisor.
4. All plants except sand cordgrass will be installed on 4' average centers. Sand cordgrass shall be installed on 5' centers due to it's size at maturity.
5. To achieve a minimum 60% coverage by desirable species, the planting plan includes planting 70% of the wetland areas to account for the existing desirable plant species already present.
6. Prior to plant installation, all nuisance and exotic vegetation will be treated by a qualified contractor by hand and application of appropriate herbicides in accordance with EPA label instructions to ensure coverage by nuisance and exotic species is below 5% aerial coverage.

## Request for Proposal

Glades County is seeking proposals for exotic and nuisance vegetation treatment followed by supplemental plantings in three (3) wetland areas within Glades County Business Park. The proposals must adequately respond to the Scope and Bid Schedule included within this document.

The attached Wetlands Exhibits show the location of wetlands that Glades County has responsibility to maintain. The entrance to Glades County Business Park is located off State Road 27 and County Road 78 West in Glades County.

The Glades County Board of County Commissioners meets on May 14, 2019 and wishes to have proposals reviewed by staff in advance of the meeting. To meet this timeline, Glades County requests that signed proposals be received by email or mail by 3:00 PM on May 8, 2019. Submit proposals to:

Martin Murphy  
County Manager  
PO Box 10  
Moore Haven, FL 33471  
[MMurphy@myglades.com](mailto:MMurphy@myglades.com)

Questions regarding the Request for Proposal should be directed to Martin Murphy via email or phone at (863)946-6125.



## Susan Whidden

---

**From:** Martin Murphy  
**Sent:** Wednesday, May 1, 2019 10:07 AM  
**To:** Susan Whidden  
**Subject:** FW: glades county business park  
**Attachments:** Glades County Business Park.pdf

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**From:** lstephens@aquaticweedcontrol.net <lstephens@aquaticweedcontrol.net>  
**Sent:** Wednesday, May 1, 2019 10:05 AM  
**To:** Martin Murphy <MMurphy@MYGLADES.COM>  
**Cc:** Eric Inman <einman@aquaticweedcontrol.net>  
**Subject:** glades county business park

Martin,  
Please find the attached bid for Glades County Business Park from Aquatic Weed Control, Inc.

Sincerely,  
Les Stephens  
West Coast Regional Manager  
[lstephens@aquaticweedcontrol.net](mailto:lstephens@aquaticweedcontrol.net)  
Aquatic Weed Control Inc.  
6180 Idlewild Street  
Ft. Myers, FL 33966  
C-239-633-3922  
O-239-332-3022

## Request for Proposal

Glades County is seeking proposals for exotic and nuisance vegetation treatment followed by supplemental plantings in three (3) wetland areas within Glades County Business Park. The proposals must adequately respond to the Scope and Bid Schedule included within this document.

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**Wetland 1 & Buffer Area – 2.40 acres +/-**

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|-----------------------------------------------------------|--------------------|
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| Planting (including installation)                         | \$ <u>8,838.00</u> |
| Subsequent Vegetation Treatments (per event)              | \$ <u>900.00</u>   |

**Wetland 2 & Buffer Area - 1.62 acres +/-**

|                                                           |                    |
|-----------------------------------------------------------|--------------------|
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**Wetland 3 & Buffer Area - 4.81 acres +/-**

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| <b>GRAND TOTAL</b>                           | <b>\$ <u>42,064.00</u></b> |

## **Glades County Business Park 2019 Wetland Enhancement**

### **Scope**

Glades County has an approximate total of 8.84 acres in Wetlands 1, 2, and 3 as depicted in the attached Exhibits requiring a qualified contractor to provide both exotic and nuisance vegetation treatment and supplemental plantings. This will include an initial intensive nuisance and exotic vegetation maintenance event (manual herbicide application with no mechanized removal or mowing) followed by planting of the areas. The goal of the enhancement activity is to ensure the conservation areas contain at least 80% coverage by desirable wetland species and nuisance plant species to be no more than 5% total coverage as determined by qualified environmental professionals.

### **Exotic and Nuisance Vegetation Treatments:**

Conduct a minimum of one (1) selective exotic/nuisance vegetation treatment event in early April 2019 and based on desired results, a second selective follow-up treatment (if required) approximately Two (2) weeks prior to planting to ensure nuisance and exotic vegetation remains below 5% total cover. A site inspection visit within 10-14 days after the first exotic vegetation treatment must be coordinated with Johnson Engineering, a qualified ecologist, to assess the effectiveness and decide the need for a second follow-up treatment prior to planting. Treatment events will be conducted using manual labor and herbicide application in accordance with EPA label instructions for each herbicide. No mechanized vegetation treatment, such as mowing, will occur in the conservation areas.

### **Supplemental Plantings:**

A supplemental planting plan for the preserved wetlands and buffer areas within the conservation easements for wetlands 1 through 3 is attached. The planting plan includes installation of suitable, desirable native wetlands species on four feet (4') centers within the portions of wetlands 1 through 3 and their respective buffers. All of wetlands 1 and 3 and their buffers will be planted while only the north, east and south perimeters of wetland 2 and its buffer are proposed for planting since the center of Wetland 2 contains mostly desirable wetland vegetation. Planting acreages for wetlands 1 through 3 and their buffer areas total approximately 2.40 acres, 1.63 acres, and 4.81 acres, respectively. Planting is anticipated to occur in mid to late May 2019, subject to rainfall patterns and appropriate soil conditions to ensure plant survivability, without having to irrigate new plantings. The actual planting timeframe will be determined by Johnson Engineering.



Glades Business Park - SFWMD Application 131001-1  
March 2019 - Supplemental Planting Plan

**Wetland 1 & Buffer Supplemental Planting Area - 2.40 acres**

| <u>Common Name</u> | <u>Scientific Name</u>       | <u>Comments</u>               | <u>Min. Size</u> | <u>Stratum</u> | <u>Spacing<sup>1</sup></u> | <u>Quantity</u> |
|--------------------|------------------------------|-------------------------------|------------------|----------------|----------------------------|-----------------|
| Fakahatchee grass  | <i>Tripsacum dactyloides</i> | Perimeter / higher elevations | 1 gallon         | Ground cover   | 4' O.C. (70%)              | 350             |
| Sand cordgrass     | <i>Spartina bakeri</i>       | Throughout                    | 1 gallon         | Ground cover   | 5' O.C. (70%)              | 1,881           |
| Maldenecane        | <i>Panicum hemitomon</i>     | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 386             |
| Sawgrass           | <i>Cladium jamaicense</i>    | Lower elevations              | liner stock      | Ground cover   | 4' O.C. (70%)              | 386             |
| Yellow canna       | <i>Canna flaccida</i>        | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 386             |
| <b>Subtotal:</b>   |                              |                               |                  |                |                            | <b>3,470</b>    |

**Wetland 2 & Buffer Supplemental Planting Area - 1.63 acres**

| <u>Common Name</u> | <u>Scientific Name</u>       | <u>Comments</u>               | <u>Min. Size</u> | <u>Stratum</u> | <u>Spacing<sup>1</sup></u> | <u>Quantity</u> |
|--------------------|------------------------------|-------------------------------|------------------|----------------|----------------------------|-----------------|
| Fakahatchee grass  | <i>Tripsacum dactyloides</i> | Perimeter & higher elevations | 1 gallon         | Ground cover   | 4' O.C. (70%)              | 210             |
| Sand cordgrass     | <i>Spartina bakeri</i>       | Throughout                    | 1 gallon         | Ground cover   | 5' O.C. (70%)              | 1,332           |
| Maldenecane        | <i>Panicum hemitomon</i>     | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 272             |
| Sawgrass           | <i>Cladium jamaicense</i>    | Lower elevations              | liner stock      | Ground cover   | 4' O.C. (70%)              | 272             |
| Yellow canna       | <i>Canna flaccida</i>        | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 272             |
| <b>Subtotal:</b>   |                              |                               |                  |                |                            | <b>2,357</b>    |

**Wetland 3 & Buffer Supplemental Planting Area - 4.81 acres**

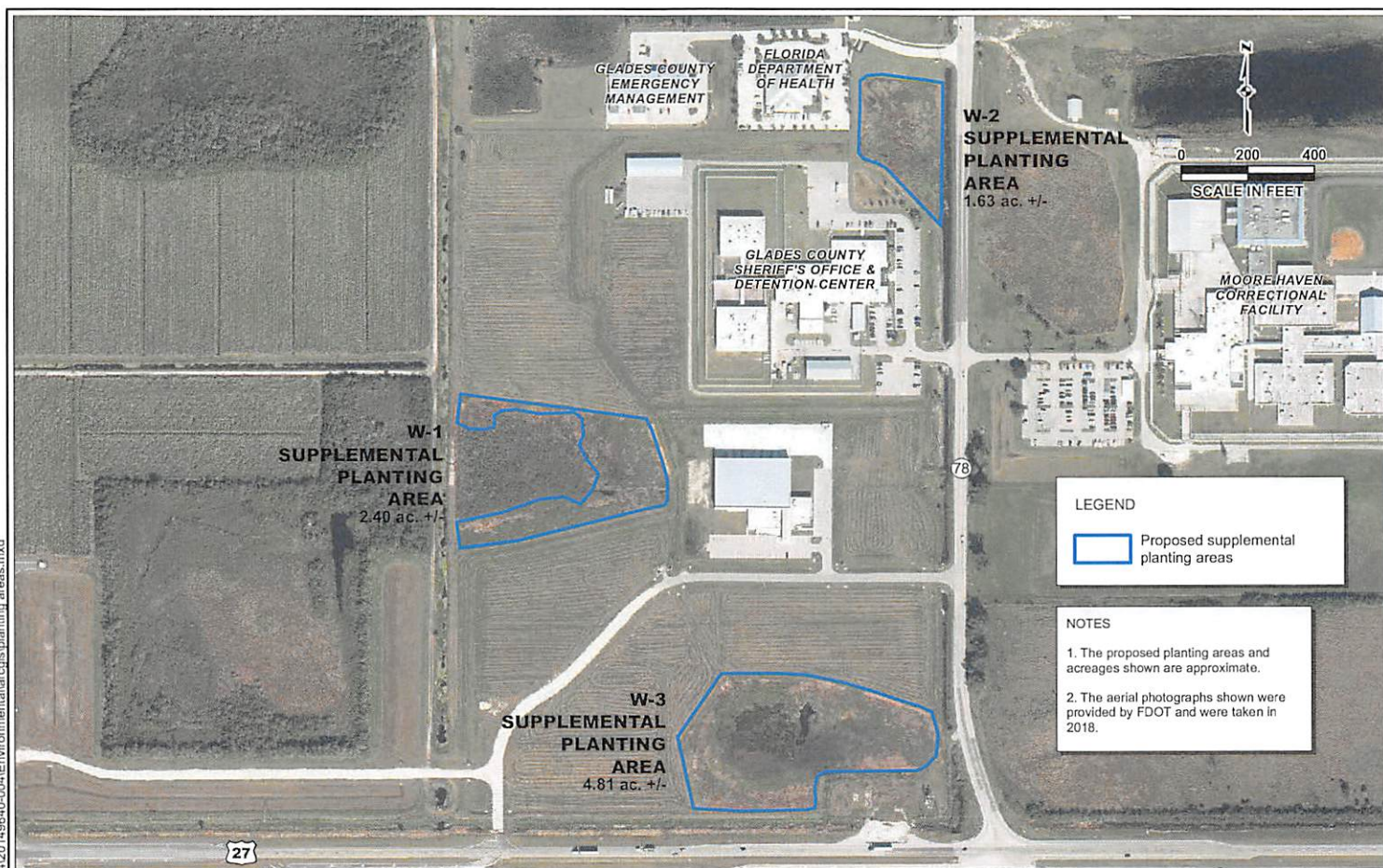
| <u>Common Name</u> | <u>Scientific Name</u>       | <u>Comments</u>               | <u>Min. Size</u> | <u>Stratum</u> | <u>Spacing<sup>1</sup></u> | <u>Quantity</u> |
|--------------------|------------------------------|-------------------------------|------------------|----------------|----------------------------|-----------------|
| Fakahatchee grass  | <i>Tripsacum dactyloides</i> | Perimeter & higher elevations | 1 gallon         | Ground cover   | 4' O.C. (70%)              | 329             |
| Sand cordgrass     | <i>Spartina bakeri</i>       | Throughout                    | 1 gallon         | Ground cover   | 5' O.C. (70%)              | 3,931           |
| Maldenecane        | <i>Panicum hemitomon</i>     | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 898             |
| Sawgrass           | <i>Cladium jamaicense</i>    | Lower elevations              | liner stock      | Ground cover   | 4' O.C. (70%)              | 898             |
| Yellow canna       | <i>Canna flaccida</i>        | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 898             |
| <b>Subtotal:</b>   |                              |                               |                  |                |                            | <b>6,954</b>    |

**Total Plants: 12,781**

**Notes**

1. Planted vegetation shall be from a local or regional (Orlando or south) source and nursery grown.
2. All harvested plant material shall be from a FDEP approved and permitted harvested site.
3. Plant installation work consists of furnishing and installing the complete plant materials and appliances required for the installation. Changes to plant species must be approved by the construction supervisor.
4. All plants except sand cordgrass will be installed on 4' average centers. Sand cordgrass shall be installed on 5' centers due to it's size at maturity.
5. To achieve a minimum 60% coverage by desirable species, the planting plan includes planting 70% of the wetland areas to account for the existing desirable plant species already present.
6. Prior to plant installation, all nuisance and exotic vegetation will be treated by a qualified contractor by hand and application of appropriate herbicides in accordance with EPA label instructions to ensure coverage by nuisance and exotic species is below 5% aerial coverage.

\\fms01\drawings\2014\20149640-004\Environmental\arcgis\planting areas.mxd



Glades County Business Park  
Glades County, Florida

**JOHNSON**  
ENGINEERING

JOHNSON ENGINEERING, INC.  
251 WEST HICKPOCHEE AVENUE  
LABELLE, FLORIDA 33935-4757  
PHONE (863) 612-0594  
FAX (239) 334-3661  
E.B. #642 & L.B. #642

### Proposed Supplemental Planting Areas

| DATE       | PROJECT NO.  | FILE NO. | SCALE    | SHEET |
|------------|--------------|----------|----------|-------|
| March 2019 | 20149640-004 | --       | As Shown | 1     |







RFP 2019-02

Glades County Business Park Wetlands Enhancement

|               |                             |                                                                  |                                                                                     |
|---------------|-----------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Martin Murphy | County Manager              | <a href="mailto:MMurphy@myglades.com">MMurphy@myglades.com</a>   |  |
| Susan Whidden | CM Administrative Assistant | <a href="mailto:SWhidden@myglades.com">SWhidden@myglades.com</a> |  |

|                       |               |                                                                                        |              |             |
|-----------------------|---------------|----------------------------------------------------------------------------------------|--------------|-------------|
| Aquatic Weed Control  | Les Stephens  | <a href="mailto:lstephens@aquaticweedcontrol.net">lstephens@aquaticweedcontrol.net</a> | 239-332-3022 | \$42,064.00 |
| Aquatic Systems       | Lexus Pelfrey | <a href="mailto:Lexus.pelfrey@aquaticsystems.com">Lexus.pelfrey@aquaticsystems.com</a> | 239-561-1003 | \$42,395.00 |
| Woods & Wetlands Inc. | David Quinlan | <a href="mailto:david@woodsandwetlands.com">david@woodsandwetlands.com</a>             | 239-567-1857 | \$53,483.62 |
| Earth Balance         |               | <a href="mailto:tanya@mmsdefense.com">tanya@mmsdefense.com</a>                         | 941-426-7878 | \$55,766.25 |

RFP 2019-02

Glades County Business Park Wetlands Enhancement

|               |                             |                                                                  |                  |
|---------------|-----------------------------|------------------------------------------------------------------|------------------|
| Martin Murphy | County Manager              | <a href="mailto:MMurphy@myglades.com">MMurphy@myglades.com</a>   | <i>M. Murphy</i> |
| Susan Whidden | CM Administrative Assistant | <a href="mailto:SWhidden@myglades.com">SWhidden@myglades.com</a> | <i>SWhidden</i>  |

|                       |               |                                                                                        |              |             |
|-----------------------|---------------|----------------------------------------------------------------------------------------|--------------|-------------|
| Aquatic Weed Control  | Les Stephens  | <a href="mailto:lstephens@aquaticweedcontrol.net">lstephens@aquaticweedcontrol.net</a> | 239-332-3022 | \$42,064.00 |
| Aquatic Systems       | Lexus Pelfrey | <a href="mailto:Lexus.pelfrey@aquaticsystems.com">Lexus.pelfrey@aquaticsystems.com</a> | 239-561-1003 | \$42,395.00 |
| Woods & Wetlands Inc. | David Quinlan | <a href="mailto:david@woodsandwetlands.com">david@woodsandwetlands.com</a>             | 239-567-1857 | \$53,483.62 |

Attachment "A" - Aquatic Systems, Inc. Agreement

**Wetland 1 & Buffer Area – 2.40 acres +/-**

|                                                           |                     |
|-----------------------------------------------------------|---------------------|
| First Exotic/Nuisance Vegetation Treatment                | \$ <u>900.00</u>    |
| Second Exotic/Nuisance Vegetation Treatment (if required) | \$ <u>350.00</u>    |
| Planting (including installation)                         | \$ <u>10,585.00</u> |
| Subsequent Vegetation Treatments (per event)              | \$ _____            |

**Wetland 2 & Buffer Area - 1.62 acres +/-**

|                                                           |                    |
|-----------------------------------------------------------|--------------------|
| First Exotic/Nuisance Vegetation Treatment                | \$ <u>600.00</u>   |
| Second Exotic/Nuisance Vegetation Treatment (if required) | \$ <u>300.00</u>   |
| Planting (including installation)                         | \$ <u>7,108.00</u> |
| Subsequent Vegetation Treatments (per event)              | \$ _____           |

**Wetland 3 & Buffer Area - 4.81 acres +/-**

|                                                           |                     |
|-----------------------------------------------------------|---------------------|
| First Exotic/Nuisance Vegetation Treatment                | \$ <u>1,800.00</u>  |
| Second Exotic/Nuisance Vegetation Treatment (if required) | \$ <u>650.00</u>    |
| Planting (including installation)                         | \$ <u>20,102.00</u> |
| Subsequent Vegetation Treatments (per event)              | \$ _____            |

|                                       |                     |
|---------------------------------------|---------------------|
| TOTAL (ALL WETLANDS) First Treatment  | \$ <u>3,300.00</u>  |
| TOTAL (ALL WETLANDS) Second Treatment | \$ <u>1,300.00</u>  |
| TOTAL (ALL WETLANDS) Planting         | \$ <u>37,795.00</u> |
| <b>GRAND TOTAL</b>                    | \$ <u>42,395.00</u> |



Glades Business Park - SFWMD Application 131001-1  
March 2019 - Supplemental Planting Plan

**Wetland 1 & Buffer Supplemental Planting Area - 2.40 acres**

| <u>Common Name</u> | <u>Scientific Name</u>       | <u>Comments</u>               | <u>Min. Size</u> | <u>Stratum</u> | <u>Spacing<sup>4</sup></u> | <u>Quantity</u> |
|--------------------|------------------------------|-------------------------------|------------------|----------------|----------------------------|-----------------|
| Fakahatchee grass  | <i>Tripsacum dactyloides</i> | Perimeter / higher elevations | 1 gallon         | Ground cover   | 4' O.C. (70%)              | 350             |
| Sand cordgrass     | <i>Spartina bakeri</i>       | Throughout                    | 1 gallon         | Ground cover   | 5' O.C. (70%)              | 1,961           |
| Maldenecane        | <i>Panicum hemitomon</i>     | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 386             |
| Sawgrass           | <i>Cladium jamaicense</i>    | Lower elevations              | liner stock      | Ground cover   | 4' O.C. (70%)              | 386             |
| Yellow canna       | <i>Canna flaccida</i>        | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 386             |
| <b>Subtotal:</b>   |                              |                               |                  |                |                            | <b>3,470</b>    |

**Wetland 2 & Buffer Supplemental Planting Area - 1.63 acres**

| <u>Common Name</u> | <u>Scientific Name</u>       | <u>Comments</u>               | <u>Min. Size</u> | <u>Stratum</u> | <u>Spacing<sup>4</sup></u> | <u>Quantity</u> |
|--------------------|------------------------------|-------------------------------|------------------|----------------|----------------------------|-----------------|
| Fakahatchee grass  | <i>Tripsacum dactyloides</i> | Perimeter & higher elevations | 1 gallon         | Ground cover   | 4' O.C. (70%)              | 210             |
| Sand cordgrass     | <i>Spartina bakeri</i>       | Throughout                    | 1 gallon         | Ground cover   | 5' O.C. (70%)              | 1,332           |
| Maldenecane        | <i>Panicum hemitomon</i>     | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 272             |
| Sawgrass           | <i>Cladium jamaicense</i>    | Lower elevations              | liner stock      | Ground cover   | 4' O.C. (70%)              | 272             |
| Yellow canna       | <i>Canna flaccida</i>        | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 272             |
| <b>Subtotal:</b>   |                              |                               |                  |                |                            | <b>2,357</b>    |

**Wetland 3 & Buffer Supplemental Planting Area - 4.81 acres**

| <u>Common Name</u> | <u>Scientific Name</u>       | <u>Comments</u>               | <u>Min. Size</u> | <u>Stratum</u> | <u>Spacing<sup>4</sup></u> | <u>Quantity</u> |
|--------------------|------------------------------|-------------------------------|------------------|----------------|----------------------------|-----------------|
| Fakahatchee grass  | <i>Tripsacum dactyloides</i> | Perimeter & higher elevations | 1 gallon         | Ground cover   | 4' O.C. (70%)              | 329             |
| Sand cordgrass     | <i>Spartina bakeri</i>       | Throughout                    | 1 gallon         | Ground cover   | 5' O.C. (70%)              | 3,931           |
| Maldenecane        | <i>Panicum hemitomon</i>     | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 898             |
| Sawgrass           | <i>Cladium jamaicense</i>    | Lower elevations              | liner stock      | Ground cover   | 4' O.C. (70%)              | 898             |
| Yellow canna       | <i>Canna flaccida</i>        | Lower elevations              | bare root        | Ground cover   | 4' O.C. (70%)              | 898             |
| <b>Subtotal:</b>   |                              |                               |                  |                |                            | <b>6,954</b>    |

**Total Plants: 12,781**

**Notes**

1. Planted vegetation shall be from a local or regional (Orlando or south) source and nursery grown.
2. All harvested plant material shall be from a FDEP approved and permitted harvested site.
3. Plant installation work consists of furnishing and installing the complete plant materials and appliances required for the installation. Changes to plant species must be approved by the construction supervisor.
4. All plants except sand cordgrass will be installed on 4' average centers. Sand cordgrass shall be installed on 5' centers due to it's size at maturity.
5. To achieve a minimum 80% coverage by desirable species, the planting plan includes planting 70% of the wetland areas to account for the existing desirable plant species already present.
6. Prior to plant installation, all nuisance and exotic vegetation will be treated by a qualified contractor by hand and application of appropriate herbicides in accordance with EPA label instructions to ensure coverage by nuisance and exotic species is below 5% aerial coverage.

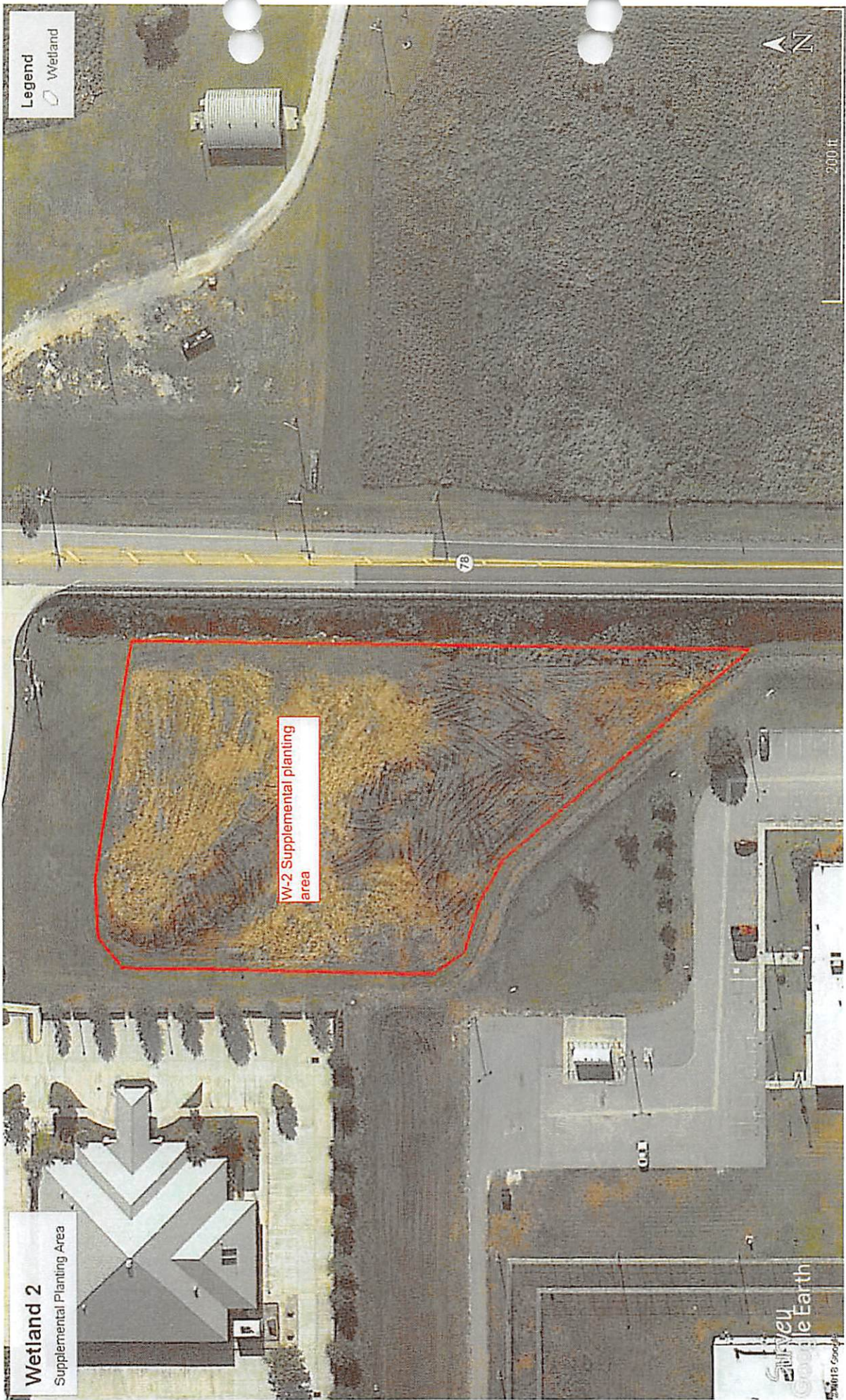
**Notes**

1. Planted vegetation shall be from a local or regional (Orlando or south) source and nursery grown.
2. All harvested plant material shall be from a FDEP approved and permitted harvested site.
3. Plant installation work consists of furnishing and installing the complete plant materials and appliances required for the installation. Changes to plant species must be approved by the construction supervisor.
4. Cost estimates shown are intended for general planning purposes only and subject to change based on supply and demand.
5. Sand cordgrass shall be installed on 5' centers due to its size at maturity.









Wetland 2

Supplemental Planting Area

Legend

Wetland

W-2 Supplemental planting  
area

Survey  
Google Earth

5/10/13 Google

200 ft

78



**Wetland 3**  
Supplemental Planting Area

**Legend**  
Wetland

W-3 Supplemental planting area

Survey  
Google Earth









Attachment "A"  
Special Services - Wetland Maintenance and Planting Proposal for  
Glades County Business Park



Partnership for Beautiful and Healthy Waterways



2100 NW 33rd Street • Pompano Beach, FL 33069  
800-432-4302 • [www.aquaticsystems.com](http://www.aquaticsystems.com)

**Glades County  
Request for Proposal  
RFP 2019-02  
Glades County Business Park Wetland Enhancement**

**April 19, 2019**





## Request for Proposal

Glades County is seeking proposals for exotic and nuisance vegetation treatment followed by supplemental plantings in three (3) wetland areas within Glades County Business Park. The proposals must adequately respond to the Scope and Bid Schedule included within this document.

The attached Wetlands Exhibits show the location of wetlands that Glades County has responsibility to maintain. The entrance to Glades County Business Park is located off State Road 27 and County Road 78 West in Glades County.

The Glades County Board of County Commissioners meets on May 14, 2019 and wishes to have proposals reviewed by staff in advance of the meeting. To meet this timeline, Glades County requests that signed proposals be received by email or mail by 3:00 PM on May 8, 2019. Submit proposals to:

Martin Murphy  
County Manager  
PO Box 10  
Moore Haven, FL 33471  
[MMurphy@myglades.com](mailto:MMurphy@myglades.com)

Questions regarding the Request for Proposal should be directed to Martin Murphy via email or phone at (863)946-6125.



## **Glades County Business Park 2019 Wetland Enhancement**

### **Scope**

Glades County has an approximate total of 8.84 acres in Wetlands 1, 2, and 3 as depicted in the attached Exhibits requiring a qualified contractor to provide both exotic and nuisance vegetation treatment and supplemental plantings. This will include an initial intensive nuisance and exotic vegetation maintenance event (manual herbicide application with no mechanized removal or mowing) followed by planting of the areas. The goal of the enhancement activity is to ensure the conservation areas contain at least 80% coverage by desirable wetland species and nuisance plant species to be no more than 5% total coverage as determined by qualified environmental professionals.

### **Exotic and Nuisance Vegetation Treatments:**

Conduct a minimum of one (1) selective exotic/nuisance vegetation treatment event in early April 2019 and based on desired results, a second selective follow-up treatment (if required) approximately Two (2) weeks prior to planting to ensure nuisance and exotic vegetation remains below 5% total cover. A site inspection visit within 10-14 days after the first exotic vegetation treatment must be coordinated with Johnson Engineering, a qualified ecologist, to assess the effectiveness and decide the need for a second follow-up treatment prior to planting. Treatment events will be conducted using manual labor and herbicide application in accordance with EPA label instructions for each herbicide. No mechanized vegetation treatment, such as mowing, will occur in the conservation areas.

### **Supplemental Plantings:**

A supplemental planting plan for the preserved wetlands and buffer areas within the conservation easements for wetlands 1 through 3 is attached. The planting plan includes installation of suitable, desirable native wetlands species on four feet (4') centers within the portions of wetlands 1 through 3 and their respective buffers. All of wetlands 1 and 3 and their buffers will be planted while only the north, east and south perimeters of wetland 2 and its buffer are proposed for planting since the center of Wetland 2 contains mostly desirable wetland vegetation. Planting acreages for wetlands 1 through 3 and their buffer areas total approximately 2.40 acres, 1.63 acres, and 4.81 acres, respectively. Planting is anticipated to occur in mid to late May 2019, subject to rainfall patterns and appropriate soil conditions to ensure plant survivability, without having to irrigate new plantings. The actual planting timeframe will be determined by Johnson Engineering.





# WOODS & WETLANDS INC.

Ecosystem Restoration

## PROPOSAL

May 7, 2019

**PROJECT:** GLADES COUNTY BUSINESS PARK WETLAND ENHANCEMENT RFP 2019-02

**CLIENT:** GLADES COUNTY

Wetland 1 & Buffer Area - 2.40 acres +/-

|                                                           |             |
|-----------------------------------------------------------|-------------|
| First Exotic/Nuisance Vegetation Treatment                | \$ 4,500.00 |
| Second Exotic/Nuisance Vegetation Treatment (if required) | \$ 1,600.00 |
| Planting (including installation)                         | \$ 9,350.72 |
| Subsequent Vegetation Treatments (per event)              | \$ 1,600.00 |

Wetland 2 & Buffer Area - 1.62 acres +/-

|                                                           |             |
|-----------------------------------------------------------|-------------|
| First Exotic/Nuisance Vegetation Treatment                | \$ 4,000.00 |
| Second Exotic/Nuisance Vegetation Treatment (if required) | \$ 1,400.00 |
| Planting (including installation)                         | \$ 6,286.44 |
| Subsequent Vegetation Treatments (per event)              | \$ 1,400.00 |

Wetland 3 & Buffer Area - 4.81 acres +/-

|                                                           |              |
|-----------------------------------------------------------|--------------|
| First Exotic/Nuisance Vegetation Treatment                | \$ 6,500.00  |
| Second Exotic/Nuisance Vegetation Treatment (if required) | \$ 2,000.00  |
| Planting (including installation)                         | \$ 17,846.46 |
| Subsequent Vegetation Treatments (per event)              | \$ 2,000.00  |

|                                       |              |
|---------------------------------------|--------------|
| TOTAL (ALL WETLANDS) First Treatment  | \$ 15,000.00 |
| TOTAL (ALL WETLANDS) Second Treatment | \$ 5,000.00  |
| TOTAL (ALL WETLANDS) Planting         | \$ 33,483.62 |
| GRAND TOTAL                           | \$ 53,483.62 |

Woods and Wetlands Inc. will perform all the services described in the above referenced Scope of Work in a professional and workman-like manner and in compliance with all applicable Florida state and local statutes, rules and regulations.

### TERMS AND CONDITIONS

Invoices are due and payable upon receipt. Prices are valid for 30 days. This Proposal becomes an Agreement when signed by both parties and modifications or services not specifically included by reference herein will be effected only by Change Order(s) agreed to and signed by an authorized representative of each party and will be charged as additional services to the Client. This Proposal /Agreement shall be interpreted according to the laws of the State of Florida.

Accepted this \_\_\_\_ day of \_\_\_\_\_, 2019.

GLADES COUNTY

WOODS AND WETLANDS INC.

TITLE

TITLE



May 8, 2019

Martin Murphy  
County Manager  
Glades County  
PO Box 10  
Moore Haven, FL 33471

Via email: MMurphy@myglades.com

Subject: RFP 2019-02  
Glades County Business Park Wetland Enhancement

To Whom It May Concern:

**EarthBalance®** is pleased to submit the following information in response to RFP 2019-02, for exotic and nuisance vegetation treatment followed by supplemental plantings in three wetland areas within Glades County Business Park. We have the expertise and resources to successfully complete the work described.

**EarthBalance®** is one of the largest hands-on vegetation management firms in the country. We are an employee-owned ecosystem restoration and environmental consulting firm headquartered in Florida and have been in business since 1985. On a daily basis, we have our trained, equipped, and well-managed teams on the ground to implement vegetation management projects across the country.

We are a "safety first" company and have an excellent safety rating with an Experience Modification Rating (EMR) of 0.71. Our in-house crews receive safety training in the proper use of equipment, plant identification, and safe operation of a variety of off-road vehicles.

Thank you for this opportunity to submit this proposal. Based on our excellent qualifications and reputation in the industry, you can count on our experience and record of success with similar projects to produce the same impressive results for you that we've achieved for so many others. Please feel free to contact me if you have any questions regarding our qualifications.

Sincerely,

A handwritten signature in blue ink that reads "Cristine Borowski".

**Cristine Borowski**

Vice President of Business Management



2570 Commerce Parkway  
North Port, FL 34289  
(941) 426-7878  
[www.earthbalance.com](http://www.earthbalance.com)

2570 Commerce Parkway North Port, FL 34289

941.426.7878

earthbalance.com

MAY 8 19 15:08  
after 3pm  
SKW



**Wetland 1 & Buffer Area - 2.40 acres +/-**

First Exotic/Nuisance Vegetation Treatment

\$ 3,894

Second Exotic/Nuisance Vegetation Treatment (if required)

\$ 2,785

Planting (including installation)

\$ 8,355

Subsequent Vegetation Treatments (per event)

\$ 0

**Wetland 2 & Buffer Area - 1.62 acres +/-**

First Exotic/Nuisance Vegetation Treatment

\$ 2,628.5

Second Exotic/Nuisance Vegetation Treatment (if required)

\$ 1,880.49

Planting (including installation)

\$ 6,550

Subsequent Vegetation Treatments (per event)

\$ 0

**Wetland 3 & Buffer Area - 4.81 acres +/-**

First Exotic/Nuisance Vegetation Treatment

\$ 2,804.25

Second Exotic/Nuisance Vegetation Treatment (if required)

\$ 5,583

Planting (including installation)

\$ 18,650

Subsequent Vegetation Treatments (per event)

\$ 0

**TOTAL (ALL WETLANDS) First Treatment**

\$ 11,960.75

**TOTAL (ALL WETLANDS) Second Treatment**

\$ 10,248.5

**TOTAL (ALL WETLANDS) Planting**

\$ 33,555

**GRAND TOTAL**

\$ 55,764.25

**Susan Whidden**

---

**From:** Martin Murphy  
**Sent:** Wednesday, May 8, 2019 3:11 PM  
**To:** Susan Whidden  
**Subject:** FW: EarthBalance Corporation proposal for RFP 2019-02 Glades County Business Park Wetland Enhancement  
**Attachments:** 0043\_001 (003).pdf; undeliverable 2.pdf; undeliverable 1.pdf

**From:** Tanya Lukowiak <tanya@mmsdefense.com>  
**Sent:** Wednesday, May 8, 2019 3:10 PM  
**To:** Martin Murphy <MMurphy@MYGLADES.COM>  
**Cc:** bids@earthbalance.com  
**Subject:** EarthBalance Corporation proposal for RFP 2019-02 Glades County Business Park Wetland Enhancement

**Mr. Murphy,**

**I've used my personal email account, as your County email seems not to accept our correspondence.**

**I sent the email with the RFP at 3, but wanted to also provide you with the error messages that we've received.**

**Please advise whether you've received this correspondence and our submission is timely.**

**Thank you,**

**Tanya Lukowiak  
EarthBalance Corporation**



## Tanya Lukowiak

---

**From:** Microsoft Outlook  
**To:** 'MMurphv@myglades.com'  
**Sent:** Wednesday, May 8, 2019 3:03 PM  
**Subject:** Undeliverable: blocked email



Your message to [MMurphv@myglades.com](mailto:MMurphv@myglades.com) couldn't be delivered.

When Office 365 tried to send your message, the receiving email server outside Office 365 reported an error.

**tlukowiak**  
Sender

**Office 365**

**MMurphv**  
**Action Required**  
Policy violation or system error

### How to Fix It

Check the "Reported Error" from the "Error Details" section shown below for more information about the problem. The error might tell you what went wrong and how to fix it. For example, if the error states that the message was blocked due to a potential virus or because the message was too large, try sending the message again without attachments.

If you're not able to fix the problem, it's likely that only the recipient's email admin can fix it. Contact the recipient by some other means (by phone, for example) and ask them to tell their email admin about the problem. Give them the "Reported Error" from the "Error Details" section below.

Was this helpful? [Send feedback to Microsoft.](#)

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## More Info for Email Admins

Status code: 550 5.0.350

The error reported by the receiving server wasn't specific enough to determine the exact

nature of the problem. These errors often indicate the message violates a security or policy setting configured on the recipient's email servers.

If the sender is unable to fix the problem by modifying their message, then it's likely a problem that only the recipient's email admin can fix. Try the following:

**Check the error for information about the problem** - The "Reported Error" returned by the external email server can be found in the "Error Details" section below. This error might tell you what went wrong and provide clues for how to fix it. For example, if the error states the message was rejected due a Sender Policy Framework (SPF) issue, then you'll have to work with your domain registrar to correctly configure your domain's SPF records.

**Check the error for information about where the problem is happening** - For example, look for a domain name like contoso.com. A domain name in the error might suggest who is responsible for the error. It could be the recipient's email server, or it could be a third-party service that your organization or the recipient's organization is using to process or filter email messages.

**If you can't fix the problem, contact the responsible party's email admin** - Give them the error code and error message from this non-delivery report (NDR) to help them troubleshoot the issue. For security or policy violation issues, it might be sufficient for them to just add your sending IP addresses or domain to their allowed senders list.

It's likely that only the recipient's email admin can fix the problem. Unfortunately, it's unlikely Office 365 Support will be able to help with these kinds of externally reported errors.

## Original Message Details

Created Date: 5/8/2019 7:02:52 PM  
Sender Address: tlukowiak@earthbalance.com  
Recipient Address: MMurphv@myglades.com  
Subject: blocked email

## Error Details

Reported error: 550 5.0.350 Remote server returned an error -> 550 blocked  
DSN generated by: BN6PR12MB1570.namprd12.prod.outlook.com  
Remote server: mx223.us-east-2b.ess.aws.cdaops.com

## Message Hops

| HOP | TIME (UTC)          | FROM                                    | TO                                      | WITH                                     |
|-----|---------------------|-----------------------------------------|-----------------------------------------|------------------------------------------|
| 1   | 5/8/2019 7:02:52 PM | BN6PR12MB1634.namprd12.prod.outlook.com | BN6PR12MB1634.namprd12.prod.outlook.com | mapi                                     |
| 2   | 5/8/2019 7:02:52 PM | BN6PR12MB1634.namprd12.prod.outlook.com | BN6PR12MB1570.namprd12.prod.outlook.com | Microsoft SMTP Server cipher=TLS_ECDHE_R |

**Tanya Lukowiak**

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**From:** Microsoft Outlook  
**To:** 'MMurphv@myglades.com'  
**Sent:** Wednesday, May 8, 2019 3:01 PM  
**Subject:** Undeliverable: RFP 2019-02 Glades County Business Park Wetland Enhancement



Your message to [MMurphv@myglades.com](mailto:MMurphv@myglades.com) couldn't be delivered.

When Office 365 tried to send your message, the receiving email server outside Office 365 reported an error.

**tlukowiak**  
Sender

**Office 365**

**MMurphv**  
**Action Required**  
Policy violation or system error

### How to Fix It

Check the "Reported Error" from the "Error Details" section shown below for more information about the problem. The error might tell you what went wrong and how to fix it. For example, if the error states that the message was blocked due to a potential virus or because the message was too large, try sending the message again without attachments.

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Was this helpful? [Send feedback to Microsoft.](#)

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### More Info for Email Admins

Status code: 550 5.0.350

The error reported by the receiving server wasn't specific enough to determine the exact



nature of the problem. These errors often indicate the message violates a security or policy setting configured on the recipient's email servers.

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**Check the error for information about the problem** - The "Reported Error" returned by the external email server can be found in the "Error Details" section below. This error might tell you what went wrong and provide clues for how to fix it. For example, if the error states the message was rejected due a Sender Policy Framework (SPF) issue, then you'll have to work with your domain registrar to correctly configure your domain's SPF records.

**Check the error for information about where the problem is happening** - For example, look for a domain name like contoso.com. A domain name in the error might suggest who is responsible for the error. It could be the recipient's email server, or it could be a third-party service that your organization or the recipient's organization is using to process or filter email messages.

**If you can't fix the problem, contact the responsible party's email admin** - Give them the error code and error message from this non-delivery report (NDR) to help them troubleshoot the issue. For security or policy violation issues, it might be sufficient for them to just add your sending IP addresses or domain to their allowed senders list.

It's likely that only the recipient's email admin can fix the problem. Unfortunately, it's unlikely Office 365 Support will be able to help with these kinds of externally reported errors.

## Original Message Details

Created Date: 5/8/2019 7:01:10 PM  
Sender Address: tlukowiak@earthbalance.com  
Recipient Address: MMurphv@myglades.com  
Subject: RFP 2019-02 Glades County Business Park Wetland Enhancement

## Error Details

Reported error: 550 5.0.350 Remote server returned an error -> 550 blocked  
DSN generated by: BN6PR12MB1860.namprd12.prod.outlook.com  
Remote server: mx150.us-east-2a.ess.aws.cudaops.com

## Message Hops

| HOP | TIME (UTC)             | FROM                                    | TO                                      | WITH                                         |
|-----|------------------------|-----------------------------------------|-----------------------------------------|----------------------------------------------|
| 1   | 5/8/2019<br>7:01:11 PM | BN6PR12MB1634.namprd12.prod.outlook.com | BN6PR12MB1634.namprd12.prod.outlook.com | mapi                                         |
| 2   | 5/8/2019<br>7:01:11 PM | BN6PR12MB1634.namprd12.prod.outlook.com | BN6PR12MB1860.namprd12.prod.outlook.com | Microsoft SMTP Server<br>cipher=TLS_ECDHE_R: |

## Susan Whidden

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**From:** Martin Murphy  
**Sent:** Wednesday, April 3, 2019 3:45 PM  
**To:** Susan Whidden  
**Subject:** FW: Glades Business Park - wetland mitigation areas and exotic vegetation contractors  
**Attachments:** Training Center Wetlands 4.5.19.docx

Susan,

Please download wetland maps with each depicting wetland 1,2,3,; add appropriate legalese and publish legal notice. In addition to legal notice, forward complete package (with maps) direct to the firms below and Applied Aquatics. Let me know if you have any questions.

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**From:** John Curtis <JOC@johnsoneng.com>  
**Sent:** Wednesday, April 3, 2019 11:30 AM  
**To:** Martin Murphy <MMurphy@MYGLADES.COM>  
**Cc:** Susan Whidden <SWhidden@MYGLADES.COM>; Andy Tilton <adt@johnsoneng.com>; Cindy Keen <CMK@johnsoneng.com>  
**Subject:** Glades Business Park - wetland mitigation areas and exotic vegetation contractors

Mr. Murphy,

Per our phone conversation today, below is contact information for two exotic vegetation maintenance contractors that Johnson Engineering routinely works with, which have a good track record on a number of our recent and past projects. Both firms also are capable of installing the supplemental plantings and there may be a benefit to having the same firm do the exotic treatments as do the plantings.

If you'll let me know when a contractor is selected, I'd like to coordinate with them and conduct a site visit 10-14 days after their first exotic vegetation treatment to assess the effectiveness and whether a 2<sup>nd</sup> treatment is or isn't warranted prior to planting.

Let me know if you have any additional questions.

Thanks,  
John

✓ **Woods and Wetlands Inc.**  
Contact = David Quinlan  
18731 Durrance Road  
North Fort Myers, FL 33917  
[david@woodsandwetlands.com](mailto:david@woodsandwetlands.com)  
Office (239) 567-1857  
Cell (813) 205-1973

✓ **Summerall Environmental LLC**  
Contact = Pat Summerall  
P.O. Box 3399  
North Fort Myers, FL 33918  
Cell (239) 910-3602

**John Curtis**  
Sr. Ecologist  
**JOHNSON ENGINEERING, INC.**  
2122 Johnson Street  
Fort Myers, FL 33901

*companies who received RFP*

*→ email kicked back John Curtis sent to them*

Office (239) 334-0046  
Cell (239) 872-4095  
Email [jcurtis@johnsoneng.com](mailto:jcurtis@johnsoneng.com)  
[www.johnsonengineering.com](http://www.johnsonengineering.com)

**From:** John Curtis

**Sent:** Wednesday, February 06, 2019 1:04 PM

**To:** [mmurphy@myglades.com](mailto:mmurphy@myglades.com)

**Cc:** Susan Whidden <[SWhidden@MYGLADES.COM](mailto:SWhidden@MYGLADES.COM)>; Andy Tilton <[adt@johnsoneng.com](mailto:adt@johnsoneng.com)>; Cindy Keen <[CMK@johnsoneng.com](mailto:CMK@johnsoneng.com)>

**Subject:** Glades Business Park - wetland mitigation areas and exotic vegetation contractors

Mr. Murphy,

It was nice to meet you today, and I appreciate your taking time to meet with us onsite and discuss how we resolve the SFWMD January 14, 2019 noncompliance letter. I just received the attached letter from SFWMD authorizing additional time (new due date = April 15, 2019) to submit the corrective actions to address their letter.

As requested, below is contact information for two additional exotic vegetation contractors that we have a solid working relationship with and have done good work on several of our past projects:

**Woods and Wetlands Inc.**

Contact = David Quinlan  
18731 Durrance Road  
North Fort Myers, FL 33917  
[david@woodsandwetlands.com](mailto:david@woodsandwetlands.com)  
Office (239) 567-1857  
Cell (813) 205-1973

**Summerall Environmental LLC**

Contact = Pat Summerall  
Address changed – see above (John Curtis 4/3/19)  
Cell (239) 910-3602

As discussed, I will prepare a professional services supplemental agreement for your review to prepare the supplemental planting plan, coordinate the plan with SFWMD compliance staff, and possibly assist with oversight of the contractor's nuisance/exotic vegetation maintenance treatment events.

Please let me know if you have any questions.

Thanks,  
John

**John Curtis**

**Sr. Ecologist**

**JOHNSON ENGINEERING, INC.**

2122 Johnson Street  
Fort Myers, FL 33901  
Office (239) 334-0046  
Cell (239) 872-4095  
Email [jcurtis@johnsoneng.com](mailto:jcurtis@johnsoneng.com)  
[www.johnsonengineering.com](http://www.johnsonengineering.com)

File 20149640-004