

ATTACHMENT E-1

WATERWAYS ASSISTANCE PROGRAM FY 2013  
PROJECT APPLICATION  
APPLICANT INFORMATION – PROJECT SUMMARY

Applicant: City of Fort Lauderdale

Department: Parks and Recreation / Marine Facilities Division

Project Title: Las Olas Marina & Aquatics Complex Dredging Project – Phase I(A)

Project Director: Lee R. Feldman Title City Manager

Project Liaison Agent (if different from above): Jonathan Luscomb

Liaison Agent Title: Supervisor of Marine Facilities

Address: 2 South New River Drive East

Fort Lauderdale, Florida Zip Code: 33301

Telephone: (954) 828-5343 Fax: (954) 468-1599

Email: jluscomb@fortlauderdale.gov

\*\*\*\*\* I hereby certify that the information provided in this application is true and accurate.\*\*\*

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT SUMMARY NARRATIVE (Please summarize the project in 2 paragraphs or less.)

This project is for the specific purpose of maintaining depth consistency and to connect the City's Las Olas Marina and Aquatics Complex to the planned dredging of the Intracoastal Waterway Channel North of Port Everglades. The planned dredge area will be dug to a MLW depth of 15' and will included both the DEP submerged lease area limits and outside of the boundaries of the channel located between the western right of way and the submerged land lease line. Permit applications have been submitted to the regulatory agencies and additional funding is required to complete Phase - I

ATTACHMENT E-2.

**APPLICATION CHECKLIST 2013**

(To be completed by the Applicant)

This checklist and the other items listed below in items 1 through 14 constitute your application. The required information shall be submitted in the order listed.

Any additional information submitted by the applicant is subject to being removed from the package by District staff prior to presentation to the District Board because of reproduction and space considerations.

Two (2) copies of your application are required. One original and one electronic copy.

All information (except maps) is required to be on 8 1/2" x 11" paper. Maps and drawings may be on 8 1/2" x 14" paper and folded to 8 1/2" x 11" so that they may be included to hole punch and bound by staff.

PROJECT NAME: <u>Las Olas Marina &amp; Aquatics Complex</u> <u>Dredging Project – Phase</u>	<u>YES</u>	<u>NO</u>
1. District Commissioner Review (prior to March 01) (NOTE: <u>For District Commissioner initials ONLY!</u> ) (District Commissioner must initial the yes line on this checklist for the application to be deemed complete)	_____	_____
2. Applicant Info/Project Summary – E-1 (Form No. 90-22, 1 page) (Form must be completed and signed)	<u>  X  </u>	_____
3. Application Checklist – E-2 (Form No. 90-26, 2 pages) (Form must be signed and dated)	<u>  X  </u>	_____
4. Project Information – E-3 (Form No. 90-22a, 1 page)	<u>  X  </u>	_____
5. Project Evaluation and Rating – E-4 <sub>(+)</sub> (Form No. 91-25) (Form must be completed, proper attachment included) (No signatures required)	<u>  X  </u>	_____
6. Project Cost Estimate – E-5 (Form No. 90-25, 1 page) (Must be on District form)	<u>  X  </u>	_____
7. Official Resolution Form – E-6 (Form No. 90-21, 2 pages) (Resolution must be in District format and include items 1-6)	_____	_____
8. Attorney’s Certification (Land Ownership) – E-7 (Must be on or follow format of Form No. 94-26, (Legal descriptions NOT accepted in lieu of form)	_____	_____

**ATTACHMENT E-2 (Continued)**

**APPLICATION CHECKLIST**  
(To be completed by the Applicant)

- |     |   |              |              |
|-----|---|--------------|--------------|
| 9.  | Project Timeline – E-8 (Form No. 96-10, 1 page)                           | <u>  X  </u> | _____        |
| 10. | County Location Map   | <u>  X  </u> | _____        |
| 11. | City Location Map (if applicable)   | <u>  X  </u> | _____        |
| 12. | Project Boundary Map  | <u>  X  </u> | _____        |
| 13. | Clear & Detailed Site Development Map                                     | <u>  X  </u> | _____        |
| 14. | Copies of all Required Permits<br>(Required of development projects only) | _____        | <u>  X  </u> |

The undersigned, as applicant, acknowledges that Items 1 through 13 above constitutes a complete application and that this information is due in the District office no later than 4:30 PM, April 01, 2013. By May 31, 2013 my application must be deemed complete (except for permits) or it will be removed from any further consideration by the District. I also acknowledge that the information in Item 14 is due to the District no later than the final TRIM Hearing in September 2013. If the information in Item 14 is not submitted to the District office by the District's final TRIM hearing in September 2013, I am aware that my application will be removed from any further funding consideration by the District.

APPLICANT: \_\_\_\_\_ APP. TITLE: \_\_\_\_\_

\_\_\_\_\_  
\*\* SIGNATURE - APPLICANT'S LIAISON \*\*

\_\_\_\_\_  
DATE

<i>FIND OFFICE USE ONLY</i>	
Date Received:	_____
Local FIND Commissioner Review:	_____
All Required Supporting Documents:	_____
Applicant Eligibility:	_____
Project Eligibility:	_____ Available Score: _____
Compliance with Rule 66B-2 F.A.C.:	_____
Eligibility of Project Cost:	_____

Form No. 90-26 - New 9/2/92, Revised 07-30-02.

**ATTACHMENT E-3 - PROJECT INFORMATION 2013**

APPLICANT: City of Fort Lauderdale APPLICATION TITLE: Las Olas Marina & Aquatics Complex Dredging Project – Phase I(A)

Total Project Cost: \$ 466,689.00 FIND Funding Requested: \$ 258,898.00 % of total cost: 55%

Amount and Source of Applicants Matching Funds: \_\_\_\_\_  
 \_\_\_\_\_

Other (non-FIND) Assistance applied for (name of program and amount): N/A  
 \_\_\_\_\_

Ownership of Project Site (check one): Own: XX Leased: \_\_\_\_\_ Other: \_\_\_\_\_

If leased or other, please describe lease or terms and conditions: \_\_\_\_\_  
 \_\_\_\_\_

Once completed, will this project be insured against damage? Yes Explain: The City of Fort Lauderdale is self insured against damages

Has the District previously provided assistance funding to this project or site? Yes

If yes, please list: Interlocal Agreement # ICW-BRFL-10-04

What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable): Las Olas Marina has approximately 60 boat slips ranging in size from 30 to over 190 feet. There are presently no boat slips at the Aquatic Complex.

How many additional ramps, slips, parking spaces or other public access features will be added by the completion of this project? (as applicable): N/A

If there are fees charged for the use of this project, please denote. How do these fees compare with fees from similar public & private facilities in the area? Please provide documentation N/A

**Please list all Environmental Resource Permits required for this project:**

<u>Agency</u>	<u>Yes/ No N/A</u>	<u>Date Applied For</u>	<u>Date Received</u>
WMD	<u>N/A</u>	_____	_____
DEP	<u>YES</u>	<u>2-7-13</u>	_____
ACOE	<u>YES</u>	<u>2-7-13</u>	_____
COUNTY/CITY	<u>YES</u>	<u>2-7-13</u>	_____

**ATTACHMENT E-4**

**WATERWAYS ASSISTANCE PROGRAM**

**APPLICATION EVALUATION AND RATING WORKSHEET 2013**

The applicant is to complete this worksheet by entering the project title, applicant name and answers to the applicable questions. **\*\*Do not answer with more than three sentences.\*\***

All applicants must answer a total of ten questions. All applicants will complete Attachment E-4 of the worksheet, which includes questions 1 through 6.

Each applicant will then complete **one and only one sub-Attachment** (E-4 A, B, C, D or E, questions 7-10) according to the applicant's project type in reference to Attachment C. The applicant should determine their project type (if the project incorporates more than one project type) by determining which project type is dominant in terms of project cost.

**All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.**

**APPLICATION TITLE:** Las Olas Marina & Aquatics Complex Dredging Project – Phase I(A)

**APPLICANT:** City of Fort Lauderdale

CATEGORY & RATING POINTS AVAILABLE	RATING POINTS	EVALUATION CRITERIA
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**1) PRIORITY LIST:**

- a) List the priority list category of this project from Attachment C in the application. (The application may only be of one type based upon the predominant cost of the project elements.)

**Number 1: Public Navigational Channel**

- b) Explain how the project fits this priority category.

This project is for the specific purpose of maintaining depth consistency and to connect the City's Las Olas Marina and Aquatics Complex to the planned dredging of the Intracoastal Waterway Channel North of Port Everglades. The planned dredge area will be dug to a MLW depth of 15' and will included both the DEP submerged lease area limits and outside of the boundaries of the channel located between the western right of way and the submerged land lease line. Permit applications have been submitted to the regulatory agencies and additional funding is required to complete Phase - I

*(For reviewer only)*

Max. Available Score \_\_\_\_\_

Range of Score (0 to \_\_\_\_\_ points)

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**2) WATERWAY RELATIONSHIP:**

- a) Explain how the project directly relates to the ICW and the mission of the Navigation District.

The goal of this project is to enhance the controlling depth to last a minimum of 20 years where feasible with the exception of periodic maintenance associated with silting caused by unknown sources or potential natural storm events such as hurricanes or similar activities which greatly impact the environment

- b) How does the project benefit public navigation or access to the ICW or adjoining waterways?

The projected depth of 17' MLW is consistent with the depth required for the increased demand associated with maneuverability of large vessels in Broward County over the past 10 years. It also provides for access to the marina required for mega yacht demand.

*(For reviewer only)*  
*(0-6 points)*

**3) PUBLIC USAGE & BENEFITS:**

- a) How is the public usage of this project clearly identified and quantified?

Due to Submerged Land Lease requirements, through signage the public is notified that 90% of its slips are open to the public on a first come first served basis. Boaters in all of the District's 12 counties as well as boaters from around the world use the Las Olas Marina. Occupancy levels at Las Olas Marina over the past 4 years have exceeded 70% with a majority of mega yachts ranging in size of 80'-180' while remaining consistent with requirements for this facility. While no data is available for the Aquatics Complex, which is not being developed at this time, we anticipate that dredging at this site will greatly benefit the Fort Lauderdale International Boat Show by increasing access to larger boats.

- b) Discuss the regional and local public benefits and access that will be provided by the project.

All 60 Slips at the Las Olas Marina are open to the public on a first come first served basis and it is anticipated that a potential marina at the aquatics center will operated in the same manner.

- c) Estimate the amount of total public use.

Las Olas Marina:

60 slips x 365 days = 21,900 vessel slip nights (100% occupancy)  
 21,900 x 70% (projected annual average occupancy) = 14,235 vessel slip nights per year

d) Can residents from other counties of the District reasonably use the project? Explain.

**Yes. Since both sites are located on the Intracoastal Waterway and are available to the public on a first come first served basis, residents from all 12 of the district's counties can use the facilities. These facilities are also accessible from the ICW to the north and Port Everglades to the south. The Port Everglades Inlet is within approximately 3 miles of both facilities.**

*(For reviewer only)*  
*(0-8 points)*

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#### 4) TIMELINESS

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-8.

The project to deepen the sites adjacent to Las Olas Marina and the Aquatics Complex will coincide with the deepening of the ICW channel in the next 12 to 18 months.

- b) Briefly explain any unique aspects of this project that could influence the project timeline.

Determining a location for the type of spoils material as part of the permitting task could take additional time due to environmental reviews given the magnitude of the ICW project. It is anticipated that the same spoil site used for the ICW dredging project will be used since they are similar in design and scope and potentially will be included as part of the same bid. Mitigation planning could also influence the project timeline.

*(For reviewer only)*  
*(0-3 points)*

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#### 5) COSTS & EFFICIENCY:

- a) List any additional funding sources and the status and amount of the corresponding funding that will be utilized to complete this project.

**The Commission authorized by Resolution Number XXX the appropriation of XXXXXX**

- a) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.

Potential cost increase due to the amount and method of spoil material disposal required in accord with the environmental permit, type and quantity of sediment to be removed, and distance of disposal site are primary factors affecting the cost.

- b) Describe any methods to be utilized to increase the cost efficiency of this project.

Deepening of the Intracoastal Waterway and outer areas based on site conditions imposed in the permit, and will include use of either hydraulic or mechanical dredging techniques in an effort to keep costs as low as possible and meet environmental permit limitations and restrictions. Also this project will be timed to coincide with FIND's ICW dredging Schedule.

- c) If there are any fees associated with the use of this facility, please detail. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.

See the attached fee schedule for Las Olas Marina. Fee for the potential development of the

**Aquatics Complex are undetermined at this time.**

*(For reviewer only)*  
*(0-6 points)*

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**6) PROJECT VIABILITY:**

- a) Does the project fill a specific need in the community or is it consistent with an existing maritime management plan?

The project will benefit both residents and the marine community as the Las Olas Marina and the Aquatics Center are required to be utilized for public dockage for mega yachts, for staging of the Fort Lauderdale International Boat Show and other events.

- b) Clearly demonstrate how the project will continue to be maintained after District funding is completed.

The City budgets funds in a five-year recapitalization program for maintenance dredging on an annual basis. Grants and other alternative funding sources will also be explored on an as needed basis to maintain the project depth of 15' MLW in critical areas.

- c) Will the program result in significant and lasting benefits? Please describe any environmental benefits associated with this project.

There will be a significant and lasting benefit to navigation from the project considering the depth of 17' MLW will have an effect on economic and long range benefits associated environmental factors and future demand for access of Mega Yachts. The project goal is to insure the safe transport of large vessel access for up to 20 years without any negative impact to the environment.

*(For reviewer only)*  
*(0-7 points)*

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SUB-TOTAL \_\_\_\_\_

FIND FORM NO. 91-25  
(Effective Date: 3-21-01, Revised 4-24-06)

**ATTACHMENT E-4A**  
**WATERWAYS ASSISTANCE PROGRAM**  
**APPLICATION EVALUATION AND RATING WORKSHEET**  
**DEVELOPMENT & CONSTRUCTION PROJECTS**

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT IS NOT AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

CATEGORY & RATING POINTS AVAILABLE	RATING POINTS	EVALUATION CRITERIA
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**7) PERMITTING:**

- a) **Have all required environmental permits been applied for? If permits are NOT required, explain why not.**

**Permit applications were submitted to all agencies on February 7, 2013**

- b) **If the project is a Phase I project, list the tasks scheduled to obtain the necessary permits and engineering work. Please provide a general cost estimate for the future Phase II work.**

**Cost estimates at this time are approximately \$4.45M**

- c) **Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

**Developing a economically feasible and successful mitigation plan that will be accepted by the regulatory agencies. Potential cost increases due to amount and method of spoil material disposal required in accord with the environmental permit, type and quantity of sediment to be removed, and distance to spoil site are primary factors that could effect cost.**

*(For reviewer only)*  
*(0-4 points)*

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**8) PROJECT DESIGN:**

- a) **Has the design work been completed? If this is a Phase I project, has a preliminary design been developed?**

**Preliminary Design work has begun and proposed dredge footprint submitted with permit application.**

- b) **Are there unique beneficial aspects to the proposed design that enhance public usage or access, decrease environmental impacts, improve water quality or reduce costs?**

**The most notable aspect to this project is by to create public deep-water access to areas which have not had it before and to provide opportunities for positive economic impacts like expansion of the Fort Lauderdale International Boat Show and increasing the number of mega yachts that can avail themselves to services provided by area businesses.**

*(For reviewer only)*  
*(0-2 points)*

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**9) CONSTRUCTION TECHNIQUES:**

- a) **Briefly explain the construction techniques to be utilized for this project.**

**Hydraulic and/or mechanical dredging techniques will be utilized.**

- b) **How are the construction techniques utilized appropriate for the project site?**

**The construction techniques are very common and similar to the techniques that will be utilized in dredging the ICW.**

- c) **Identify any unusual construction techniques that may increase or decrease the costs of the project.**

**By timing this project to the District's dredging of the ICW, the City hopes to use the same Contractor and spoil (DMM) site which will achieve economies of scale and reduce costs.**

*(For reviewer only)*  
*(0-3 points)*

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**10) CONSTRUCTION MATERIALS:**

- a) List the materials to be utilized for this project. What is the design life of the proposed materials?

The dredge plan will be designed with the goal to last 20 years.

- b) Describe any recyclable material to be utilized. How does the recyclable material (if any) compare to other available material?

If the spoil material can be used as fill, it will be able to be recycled.

- c) Identify any unique construction materials that may significantly alter the project costs.

N/A

*(For reviewer only)*  
*(0-3 points)*

**RATING POINT**  
**TOTAL** \_\_\_\_\_

(Note: The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 16 points. A score of 35 points or more is required to be considered for funding.)

Form No. 91-25A  
(Effective Date: 3-21-01, revised 4-24-06)

**ATTACHMENT E-4B**

**WATERWAYS ASSISTANCE PROGRAM  
APPLICATION EVALUATION AND RATING WORKSHEET**

**ENVIRONMENTAL EDUCATION PROJECTS**

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS AN ENVIRONMENTAL EDUCATION PROJECT

<b>CATEGORY &amp; RATING POINTS AVAILABLE</b>	<b>RATING POINTS</b>	<b>EVALUATION CRITERIA</b>
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**7) THOROUGHNESS:**

- a) Who is the primary target audience or user group for the project and how were they identified?
  
- b) How have the needs of the target audience been evaluated and met?
  
- c) How many people will the program serve on an annual basis? What will be the measurable results?

*(For reviewer only)  
(0-5 points)*

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**10) PROJECT GOALS:**

**a) What are the long-term goals of this project as it relates to the ICW?**

*(For reviewer only)*  
*(0-2 points)*

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**RATING POINT**  
**TOTAL**            \_\_\_\_\_

(Note: The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 0 points. A score of 35 points or more is required to be considered for funding.)

Form No. 91-25B  
(Effective Date: 3-21-01, Revised 4-24-06)

**ATTACHMENT E-4C**

**WATERWAYS ASSISTANCE PROGRAM**

**APPLICATION EVALUATION AND RATING WORKSHEET**

**LAW ENFORCEMENT & BOATING SAFETY PROJECTS**

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A LAW ENFORCEMENT OR BOATING SAFETY PROJECT

<b>CATEGORY &amp; RATING POINTS AVAILABLE</b>	<b>RATING POINTS</b>	<b>EVALUATION CRITERIA</b>
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**7) VIABILITY:**

a) Describe how project will address particular public health, safety, or welfare issues of the Navigation District's Waterways.

b) Does the project provide significant benefits or enhancements to the District's Waterways?

*(For reviewer only)  
(0-3 points)*

**8) EXPERIENCE & QUALIFICATIONS:**

- a) List the personnel tasked with the implementation of this project, their qualifications, previous training and experience.
  
- b) Have the personnel participated in or received state marine law enforcement training?

*(For reviewer only)  
(0-4 points)*

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**9) DELIVERABLES:**

- a) Describe the anticipated, long-term measurable results of implementing this project?
  
- b) How will the project continue to be funded?
  
- c) Does the project demonstrate a long-term, measurable result that fulfills a particular community need?

*(For reviewer only)  
(0-2 points)*

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**10) EDUCATION:**

**a) What are the educational benefits (if any) of this proposed project?**

**b) How does the project or program provide effective public boating education?**

*(For reviewer only)*  
*(0-3 points)*

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**RATING POINT**  
**TOTAL** \_\_\_\_\_

(Note: The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 0 points. A score of 35 points or more is required to be considered for funding.)

**ATTACHMENT E-4D**

**WATERWAYS ASSISTANCE PROGRAM**

**APPLICATION EVALUATION AND RATING WORKSHEET**

**INLET MANAGEMENT and PUBLIC NAVIGATION PROJECTS**

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS AN INLET  
MANAGEMENT or PUBLIC NAVIGATION PROJECT

**CATEGORY  
& RATING  
POINTS  
AVAILABLE**

**RATING  
POINTS**

**EVALUATION CRITERIA**

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**7) WATERWAY RELATIONSHIP:**

- a) How does the project directly benefit the Atlantic Intracoastal Waterway (AICW)?
  
- b) Briefly discuss any methods or activities that will address long-term sedimentation problems.
  
- c) Will the project inhibit sediment inflow into, or reduce the dredging frequency of the AICW?

Yes.

*(For reviewer only)  
(0-5 points)*

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**8) PUBLIC ACCESS:**

- a) **Will the project enhance public access to the waterways? Describe in brief detail.**

*(For reviewer only)*  
*(0-3 points)*

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**9) BENEFICIAL PROJECT ELEMENTS:**

- a) **Are there additional economic benefits to be realized by implementing this project?**

- b) **Briefly spell out any water quality, environmental or habitat benefits to be realized by this project.**

*(For reviewer only)*  
*(0-2 points)*

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**10) PROJECT FUNDING:**

a) List the additional funding sources for this project. What is the status of these funding sources?

b) Explain the funding mechanism for the long-term maintenance of the project.

*(For reviewer only)*  
*(0-2 points)*

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**RATING POINT**

**TOTAL** \_\_\_\_\_

(Note: The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 16 points. A score of 35 points or more is required to be considered for funding.)



**ATTACHMENT E-4E**

**WATERWAYS ASSISTANCE PROGRAM**

**APPLICATION EVALUATION AND RATING WORKSHEET**

**BEACH RENOURISHMENT PROJECTS**

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A BEACH  
RENOURISHMENT PROJECT

<b>CATEGORY &amp; RATING POINTS AVAILABLE</b>	<b>RATING POINTS</b>	<b>EVALUATION CRITERIA</b>
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**7) WATERWAY RELATIONSHIP:**

- a) Describe how the District and other navigation interests will benefit from the implementation of this project.

*(For reviewer only)*  
*(0-4 points)*

**8) VIABILITY:**

- a) **Is the project site defined as critically eroded by a statewide beach management plan?**
  
- b) **Cite the quantifiable rate of erosion in this area.**
  
  
  
  
  
  
  
  
  
  
- c) **Is the project an important component of an overall beach management effort?**

*(For reviewer only)*  
(0-4 points)

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**9) PUBLIC BENEFITS:**

- a) **Are there quantifiable public benefits demonstrated by the project?**
  
  
  
  
  
  
  
  
  
  
- b) **Is there adequate public access to the project area?**

*(For reviewer only)*  
(0-2 points)

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**10) PROJECT FUNDING:**

- a) Describe any assistance funding from other sources.
  
- b) Clarify the availability of long-term funding for this project.

*(For reviewer only)*  
*(0-2 points)*

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**RATING POINT**  
**TOTAL** \_\_\_\_\_

(Note: The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 16 points. A score of 35 points or more is required to be considered for funding.)

**ATTACHMENT E-4F**

**EMERGENCY RE-CONSTRUCTION**

**WATERWAYS ASSISTANCE PROGRAM**

**APPLICATION EVALUATION AND RATING WORKSHEET**

**RECONSTRUCTION AND RESTORATION OF A WATERWAY PROJECT**

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A WATERWAY PROJECT THAT WAS DAMAGED BY A NATURAL DISASTER AS DECLARED BY A STATE OF EMERGENCY UNDER CHAPTER 252, FLORIDA STATUTES. DO NOT UTILIZE THIS FORM UNLESS YOUR PROJECT MEETS THIS SPECIFIC CRITERION.

**CATEGORY  
& RATING  
POINTS  
AVAILABLE**

**RATING  
POINTS**

**EVALUATION CRITERIA**

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**11 (Extra) STORM DAMAGE EVALUATION:**

- a) **Is this project a previously funded FIND grant project?**
  
- b) **Detail the other funding mechanisms and financial assistance that will be applied to defray the reconstruction costs or damage repair.**

*(For reviewer only)  
(0-3 points)*

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Form No. 91-25F  
(Effective Date: 2-05, Revised 4-24-06)

ATTACHMENT E-5

FLORIDA INLAND NAVIGATION DISTRICT  
ASSISTANCE PROGRAM 2013

**PROJECT COST ESTIMATE**  
(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

**PROJECT TITLE:** Las Olas Marina & Aquatics Complex Dredging Project Phase – IA

**APPLICANT:** City of Fort Lauderdale

<p align="center"><b>Project Elements</b> <i>(Please list the MAJOR project elements and provide a general cost break out for each one. For Phase I Projects, please list the major elements and products expected)</i></p>	<p align="center"><b>Quantity or Total Estimated Cost</b> (Number and/or Footage etc.)</p>	<p align="center"><b>Applicant's Cost</b></p>	<p align="center"><b>FIND Cost</b></p>
<p><b>Phase I-A</b></p> <p><b>Engineering, Design and Permits</b></p> <ul style="list-style-type: none"> <li>• Tasks include Geotechnical/sediment analysis</li> <li>• Benthic and Sea grass Activities.</li> <li>• Site surveys mitigation and project</li> <li>• Design and development of mitigation plan, dredge plan</li> <li>• Permitting</li> </ul>	<p align="center"><b>LUMP SUM (NOT TO EXCEED)</b></p>	<p align="center"><b>\$207,791.00</b></p>	<p align="center"><b>\$258,898.00</b></p>

<b>** TOTALS =</b>	<b>\$ <u>466,689.00</u></b>	<b>\$ <u>207,791.00</u></b> 45%	<b>\$ <u>258,898.00</u></b> 55%
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**ATTACHMENT E-6  
RESOLUTION FOR ASSISTANCE 2013  
UNDER THE FLORIDA INLAND NAVIGATION DISTRICT  
WATERWAYS ASSISTANCE PROGRAM**

WHEREAS, THE \_\_\_\_\_ is interested in carrying out the  
*(Name of Agency)*  
following described project for the enjoyment of the citizenry of \_\_\_\_\_  
and the State of Florida:

Project Title \_\_\_\_\_

Total Estimated Cost \$ \_\_\_\_\_

Brief Description of Project:

AND, Florida Inland Navigation District financial assistance is required for the program mentioned above,

NOW THEREFORE, be it resolved by the \_\_\_\_\_  
*(Name of Agency)*  
that the project described above be authorized,

AND, be it further resolved that said \_\_\_\_\_  
*(Name of Agency)*  
make application to the Florida Inland Navigation District in the amount of \_\_\_\_\_ % of the  
actual cost of the project in behalf of said \_\_\_\_\_  
*(Name of Agency)*

AND, be it further resolved by the \_\_\_\_\_  
*(Name of Agency)*  
that it certifies to the following:

1. That it will accept the terms and conditions set forth in FIND Rule 66B-2 F.A.C. and which will be a part of the Project Agreement for any assistance awarded under the attached proposal.
2. That it is in complete accord with the attached proposal and that it will carry out the Program in the manner described in the proposal and any plans and specifications attached thereto unless prior approval for any change has been received from the District.

3. That it has the ability and intention to finance its share of the cost of the project and that the project will be operated and maintained at the expense of said \_\_\_\_\_  
\_\_\_\_\_ for public use.

*(Name of Agency)*

4. That it will not discriminate against any person on the basis of race, color or national origin in the use of any property or facility acquired or developed pursuant to this proposal, and shall comply with the terms and intent of the Title VI of the Civil Rights Act of 1964, P. L. 88-352 (1964) and design and construct all facilities to comply fully with statutes relating to accessibility by handicapped persons as well as other federal, state and local laws, rules and requirements.

5. That it will maintain adequate financial records on the proposed project to substantiate claims for reimbursement.

6. That it will make available to FIND if requested, a post-audit of expenses incurred on the project prior to, or in conjunction with, request for the final 10% of the funding agreed to by FIND.

This is to certify that the foregoing is a true and correct copy of a resolution duly and legally adopted by the \_\_\_\_\_ at a legal meeting held on this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_  
Attest

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

ATTACHMENT E-7

ATTORNEYS CERTIFICATION OF TITLE 2013  
(See Rule 66B-2.006(4) & 2.008(2) FAC)

OFFICE OF THE *(City or County)* ATTORNEY  
*(Address)*

\_\_\_\_\_, 20\_\_\_\_\_

TO WHOM IT MAY CONCERN:

I, \_\_\_\_\_, am the Attorney for the *(City or County)*, Florida. I hereby state that I have examined a copy of a (deed, lease, management agreement, etc.) from \_\_\_\_\_ to the *(City or County)* dated \_\_\_\_\_ conveying \_\_\_\_\_ *(type of interest, ie. Fee simple, easement, 25 year lease, etc.)* in the following described property:

*(Brief Legal Description of Property)*

I have also examined a document showing that this property is listed on the tax rolls as belonging to the *(City or County)*. Finally, I have also examined such documents and records as necessary for this certification.

This property is what is now called "*(Name of Property as Referenced in the WAP application)*".

I certify that the *(City or County)* does in fact \_\_\_\_\_ (own, lease, etc.) this property for \_\_\_\_\_ years.

Very truly yours,

*(Name)*  
*(City or County)* Attorney



**ATTACHMENT E-8**

**WATERWAYS ASSISTANCE PROGRAM 2013**

**PROJECT TIMELINE**

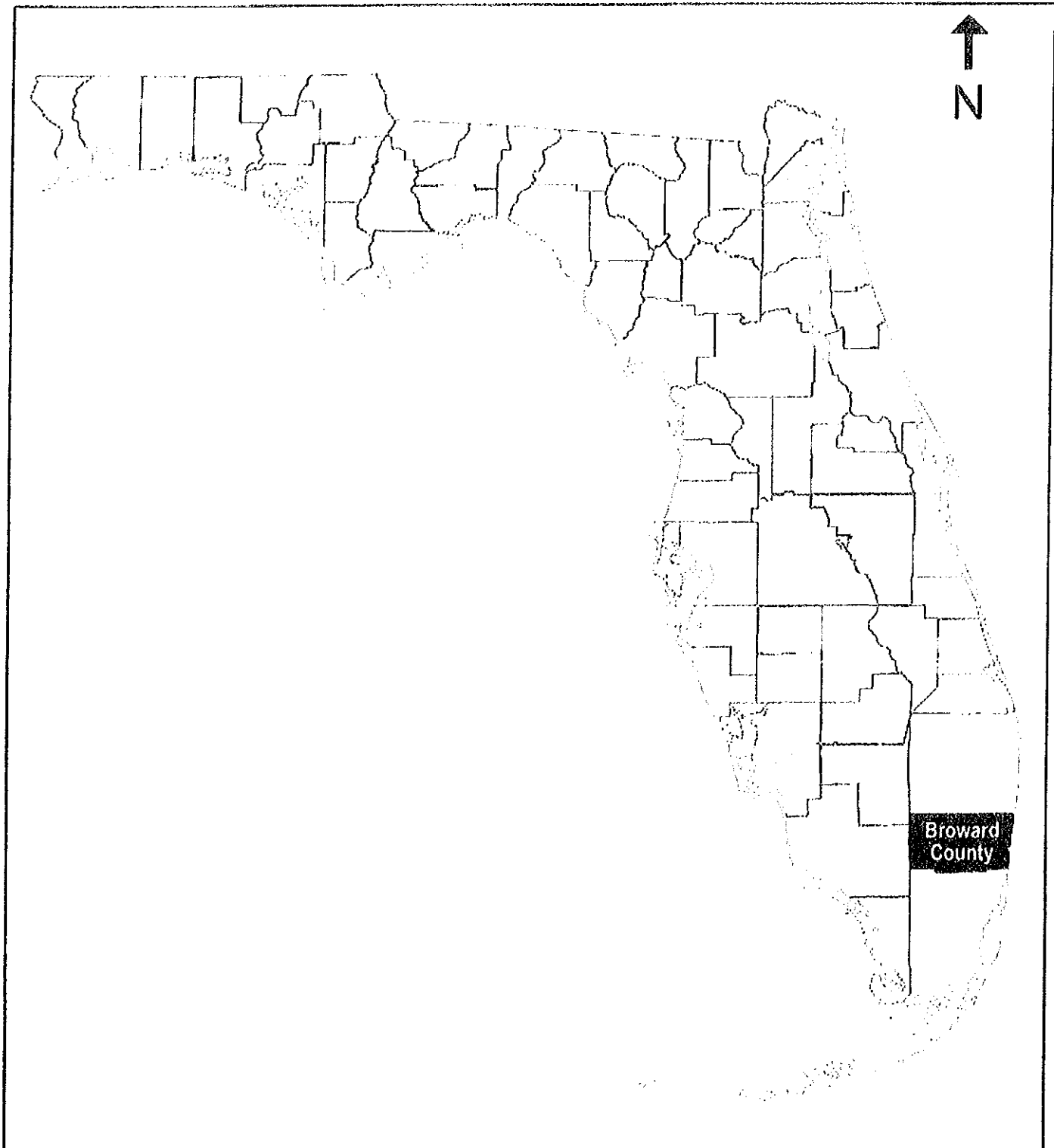
**Project Title:** \_\_\_\_\_

**Applicant:** \_\_\_\_\_

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

**NOTE: All funded activities must begin AFTER October 1<sup>st</sup>**  
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

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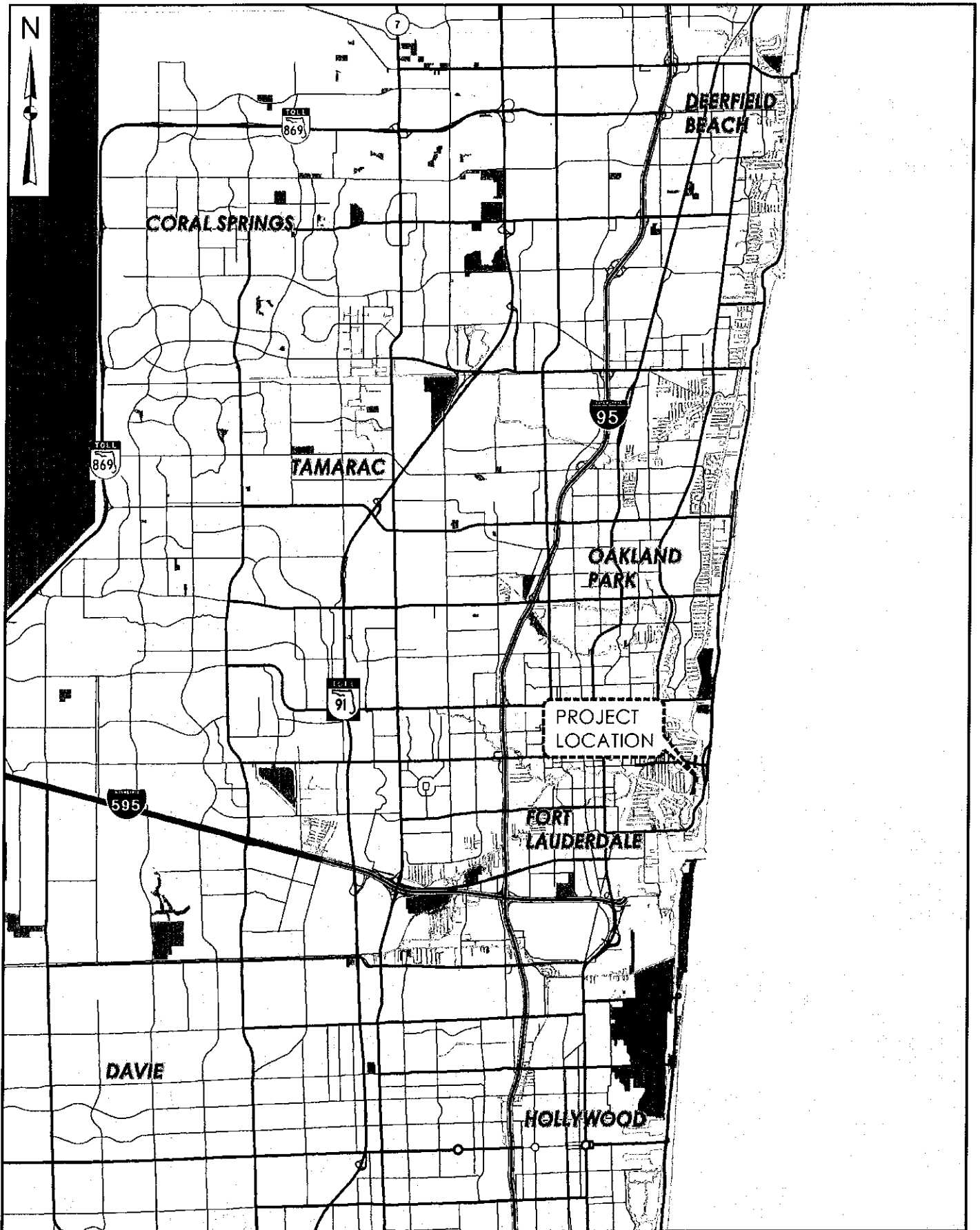



EnviroCare Solutions International, Inc.  
832 NE 26th Street  
Wilton Manors, FL 33305

**County Location Map**

Broward County

**Proposed Aquatic Complex**  
601 Seabreeze Blvd.  
Fort Lauderdale, FL




**CITY OF FORT LAUDERDALE**  
**MARINA DREDGING PROJECT**

**LOCATION MAP**

**FIGURE**  
**1**





**CITY OF FORT LAUDERDALE  
MARINA DREDGING PROJECT**

**AERIAL PHOTOGRAPHY**

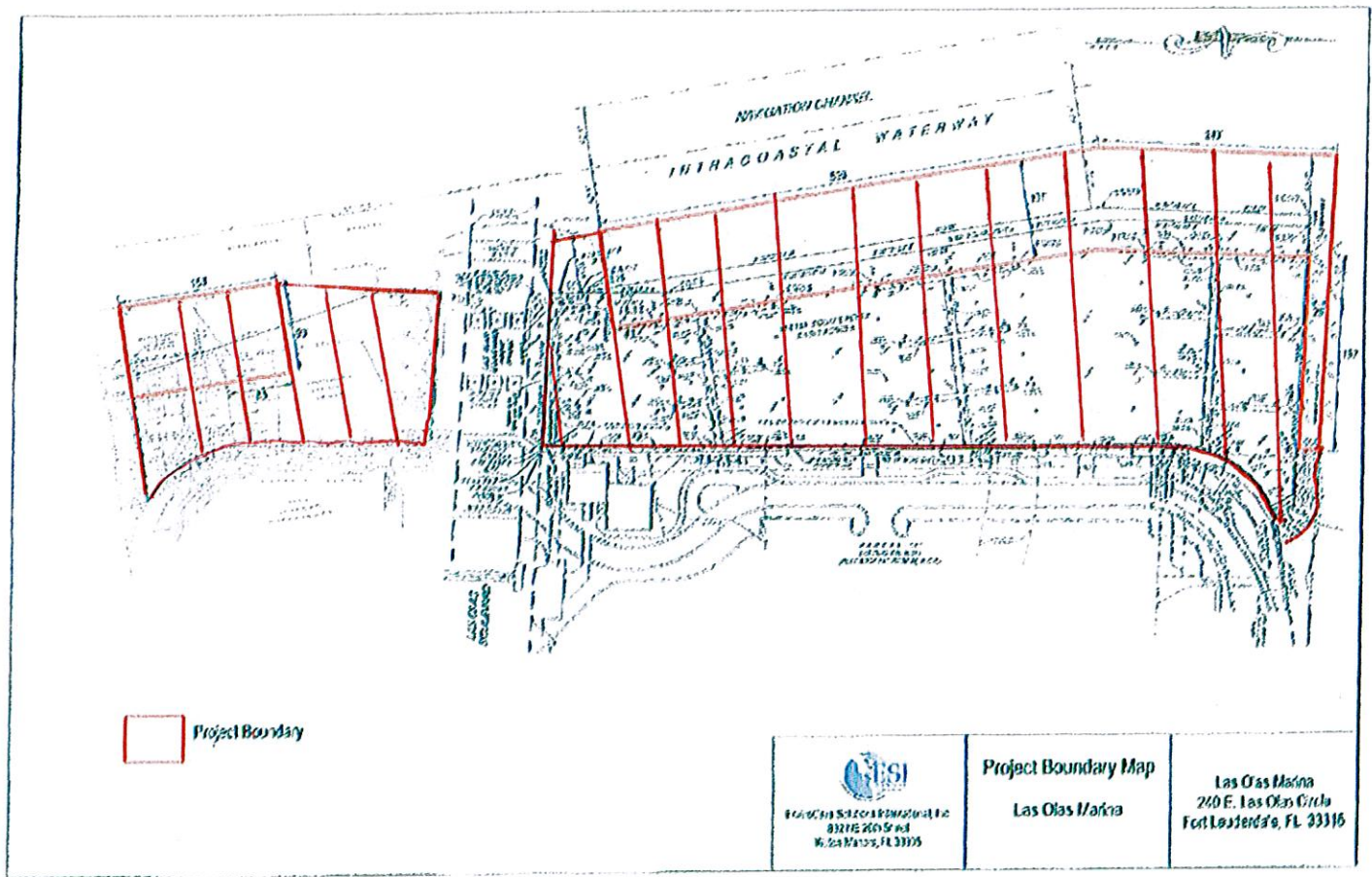
**FIGURE**

**2**

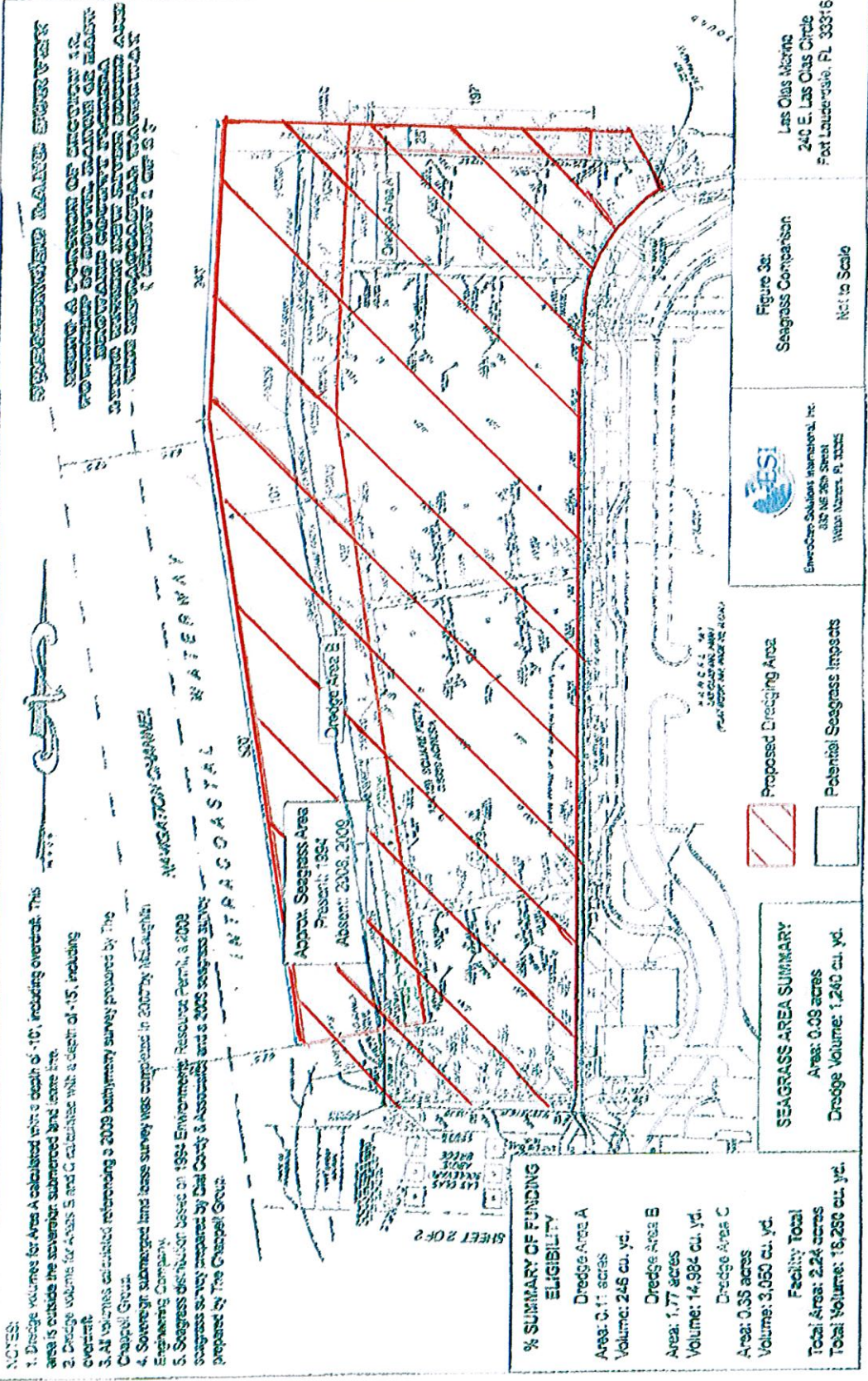


**Las Olas**

**Marina**



 CONSULTING SERVICES INTERNATIONAL, INC. 8327E 26th Street West Palm Beach, FL 33415	<b>Project Boundary Map</b>  Las Olas Marina	Las Olas Marina 260 E. Las Olas Circle Fort Lauderdale, FL 33316
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**SEAGRASS AND DREDGE SURVEY**

SECTION A PORTION OF SECTION 12  
 PERTAINING TO PORTLAND CANALS OF THE  
 UNITED STATES COAST AND GEODETIC SURVEY  
 UNDER AUTHORITY OF THE SECRETARY OF THE ARMY  
 ENGINEERING DISTRICT, WASHINGTON, D. C.

**NOTES:**

1. Dredge volumes for Area A calculated with a depth of -10', including overbank. This area is outside the sovereign submerged land lease line.
2. Dredge volumes for Areas B and C calculated with a depth of -15', including overbank.
3. All volumes calculated referencing a 2008 bathymetry survey prepared by The Campbell Group.
4. Sovereign submerged land lease survey was completed in 2007 by McLaughlin Engineering Company.
5. Seagrass distribution based on 1994 Environmental Resource Permit, a 2008 seagrass survey prepared by The Campbell Group, and a 2008 seagrass survey prepared by The Campbell Group.

**% SUMMARY OF FUNDING ELIGIBILITY**

Dredge Area A  
 Area: 0.11 acres  
 Volume: 248 cu. yd.

Dredge Area B  
 Area: 1.77 acres  
 Volume: 14,982 cu. yd.

Dredge Area C  
 Area: 0.85 acres  
 Volume: 3,050 cu. yd.

**Facility Total**  
 Total Area: 2.74 acres  
 Total Volume: 18,280 cu. yd.

**SEAGRASS AREA SUMMARY:**  
 Area: 0.09 acres  
 Dredge Volume: 1,240 cu. yd.

**Legend:**

[Red Hatched Box] Proposed Dredging Area

[White Box] Potential Seagrass Impacts

**Figure 3a:**  
 Seagrass Comparison

Not to Scale

Las Olas Marina  
 240 E. Las Olas Circle  
 Fort Lauderdale, FL 33316

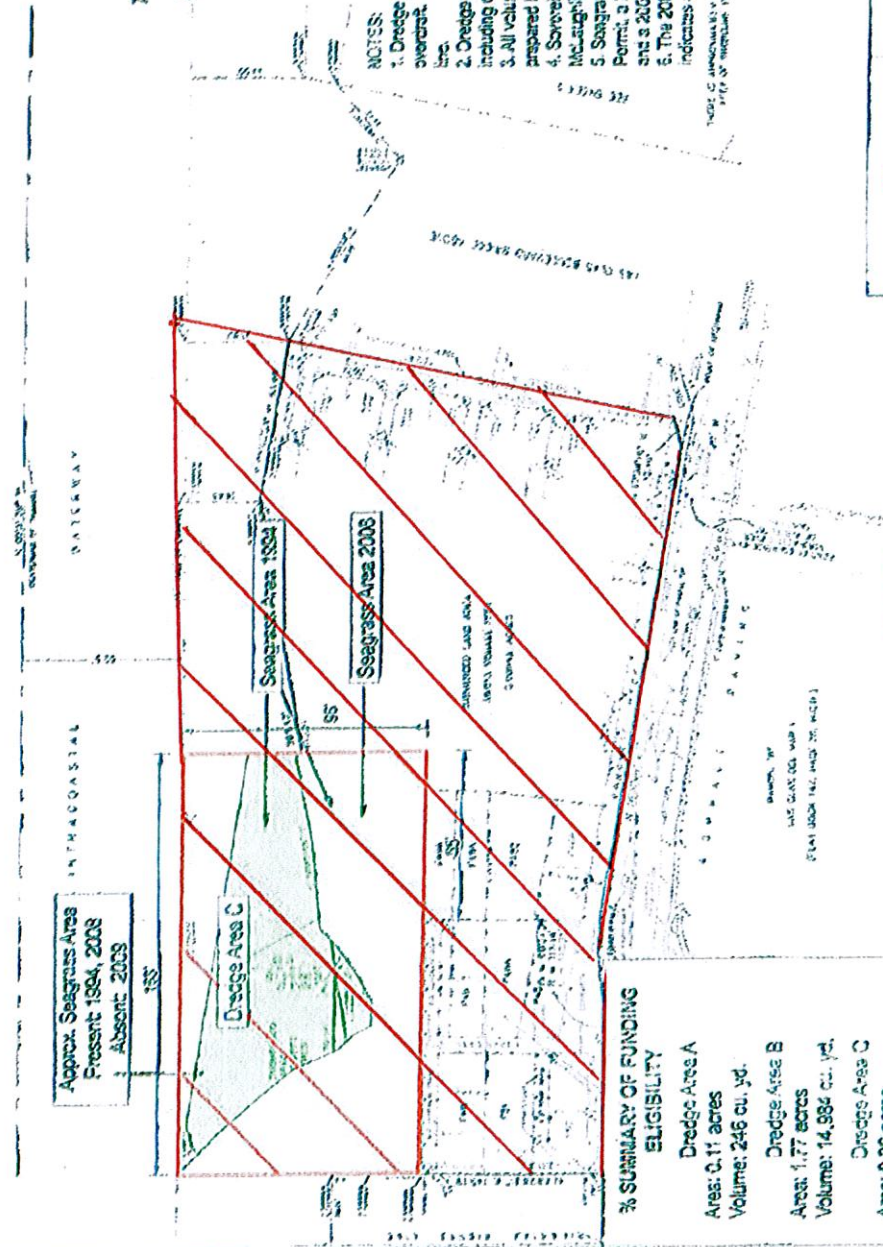
**ESI**  
 ESI Environmental Solutions International, Inc.  
 330 NE 26th Street  
 Fort Lauderdale, FL 33305



**SUBMERGED LAND SURVEY**  
 BEING A PORTION OF SECTION 12,  
 TOWNSHIP 50 SOUTH, RANGE 42 EAST,  
 BROWARD COUNTY, FLORIDA  
 LYING WITHIN NEW RIVER SOUND AND  
 THE INTRACOASTAL WATERWAY,  
 SHEET 2 OF 2 SHEETS



- NOTES:**
1. Dredge volumes for Area A calculated with a depth of +10', including overbank. This area is outside the sovereign submerged land lease line.
  2. Dredge volume for Areas B and C calculated with a depth of +15', including overbank.
  3. All volumes calculated referencing a 2009 bathymetry survey prepared by The Chespell Group.
  4. Sovereign submerged land lease survey was completed in 2003 by McLaughlin Engineering Company.
  5. Seagrass distribution based on 1994 Environmental Resource Permit, a 2008 seagrass survey prepared by Dai Coyle & Associates and a 2009 seagrass survey prepared by The Chespell Group.
  6. The 2008 seagrass survey prepared by Dai Coyle & Associates indicates a sparse distribution of seagrass.



**Proposed Dredging Area**

**Potential Seagrass Impacts**

**SEAGRASS AREA SUMMARY**

Area:	0.28 acres
Dredge Volume:	2,325 cu. yd.

**% SUMMARY OF FUNDING ELIGIBILITY**

Dredge Area A	Area: 0.11 acres	Volume: 246 cu. yd.
Dredge Area B	Area: 1.77 acres	Volume: 14,994 cu. yd.
Dredge Area C	Area: 0.36 acres	Volume: 3,060 cu. yd.
<b>Facility Total</b>	<b>Total Area: 2.24 acres</b>	<b>Total Volume: 16,280 cu. yd.</b>

Figure 3b:  
 Seagrass Comparison  
 Not to Scale

Las Olas Marina  
 210 E. Las Olas Circle  
 Fort Lauderdale, FL 33316



**NOTES:**

1. Dredge volumes for Area A calculated with a depth of -10', including overbank. This area is outside the screened submerged land lease line.
2. Dredge volume for Areas B and C calculated with a depth of -10', including overbank.
3. All volumes calculated referencing a 2002 bathymetry survey provided by the Coastal Group.
4. Submerged land lease survey was completed in 2003 by McLaughlin Engineering Company.

50% Funding Eligibility

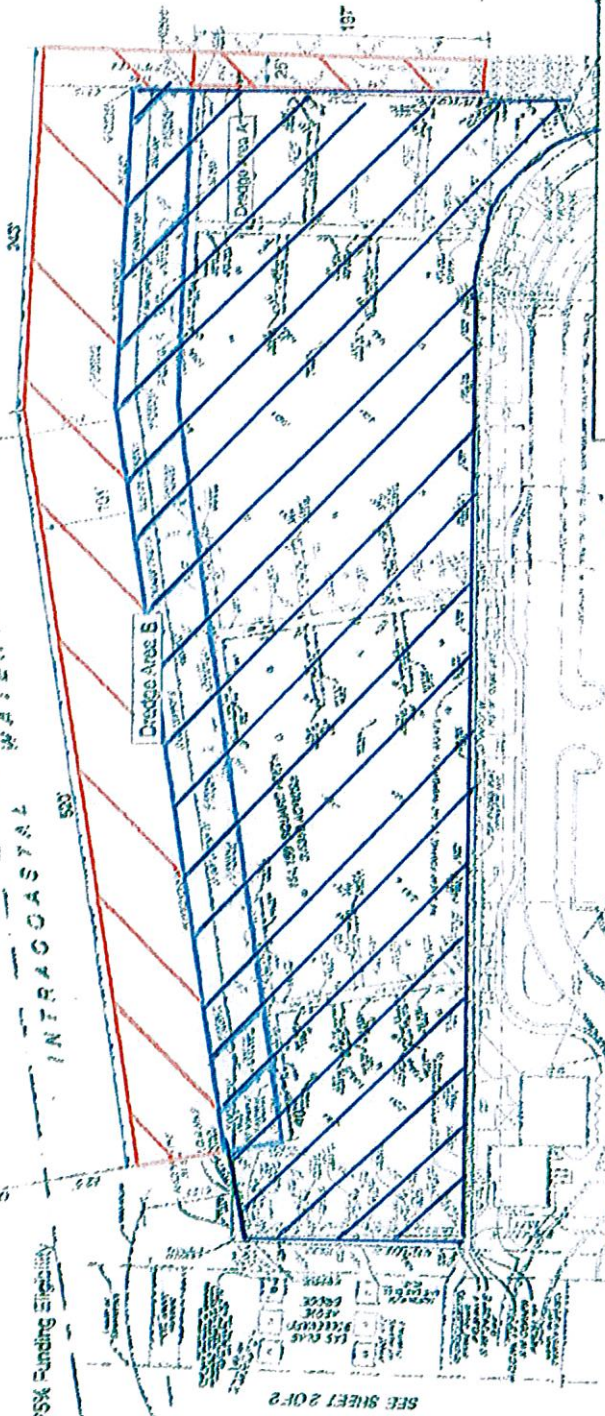
75% Funding Eligibility

NAVIGATION CHANNEL

INTRACOASTAL WATERWAY



**EXPLANATION OF SYMBOLS**  
 A PORTION OF SUBMERGED LAND LEASE TO COVER DREDGE AS MATCH VOLUMES FOR AREAS B AND C. THIS AREA IS OUTSIDE THE SCREENED SUBMERGED LAND LEASE LINE.



**% SUMMARY OF FUNDING ELIGIBILITY**

	Dredge Area A	Dredge Area B
50% Match Area:	0 acres	0.57 acres
50% Match Volume:	0 cu. yd.	6,014 cu. yd.
75% Match Area:	0.11 acres	1.1 acres
75% Match Volume:	246 cu. yd.	8,270 cu. yd.

Figure 2a:  
 Proposed Dredging Areas A & B  
 Funding Eligibility  
 Not to Scale

Las Olas Marina  
 240 E. Las Olas Circle  
 Fort Lauderdale, FL 33316

**ESI**  
 Erievest Solutions International, Inc.  
 833 NE 25th Street  
 Fort Lauderdale, FL 33305

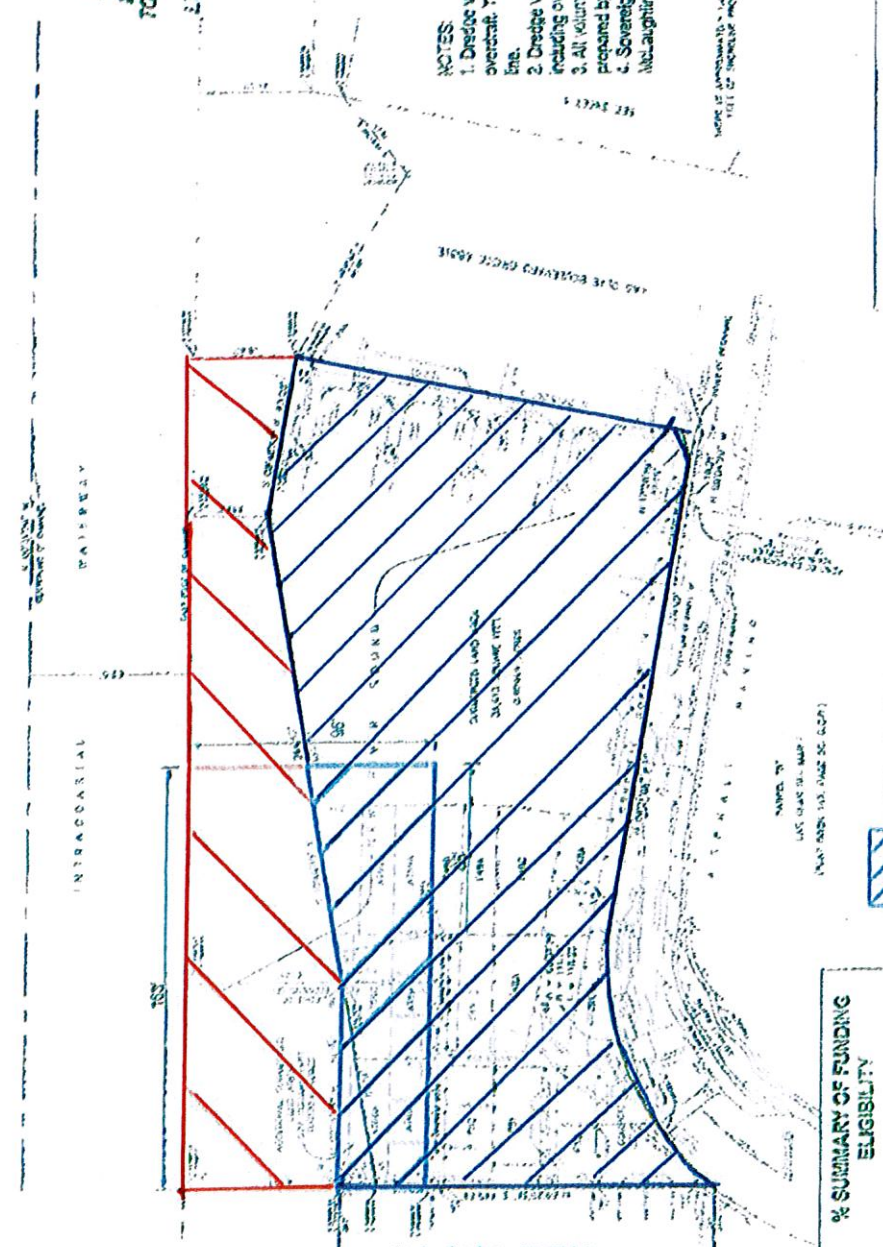


**SUBMERGED LAND SURVEY**  
 BEING A PORTION OF SECTION 12,  
 TOWNSHIP 50 SOUTH, RANGE 42 EAST,  
 BROWARD COUNTY, FLORIDA  
 LYING WITHIN NEW RIVER SOUND AND  
 THE INTRACOASTAL WATERWAY  
 SHEET 2 OF 2 SHEETS



- NOTES:**
1. Dredge volumes for Area A calculated with a depth of -10', including overbank. This area is outside the sovereign submerged land lease line.
  2. Dredge volume for Areas B and C calculated with a depth of -15', including overbank.
  3. All volumes calculated retaining a 2009 bathymetry survey prepared by The Chesell Group.
  4. Sovereign submerged land lease survey was completed in 2000 by McLaughlin Engineering Company.

WORK IS APPROXIMATE - FIELD CHECK  
 ALL OF THEORETICAL MEASUREMENTS



**% SUMMARY OF FUNDING ELIGIBILITY**

Dredge Area C	
50% Match Area: 0.15 acres	
50% Match Volume: 1,255 cu. yd.	
75% Match Area: 0.21 acres	
75% Match Volume: 1,755 cu. yd.	

 50% Funding Eligibility  
 75% Funding Eligibility

  
 Environmental Solutions International, Inc.  
 830 NE 28th Street  
 Ft. Lauderdale, FL 33305

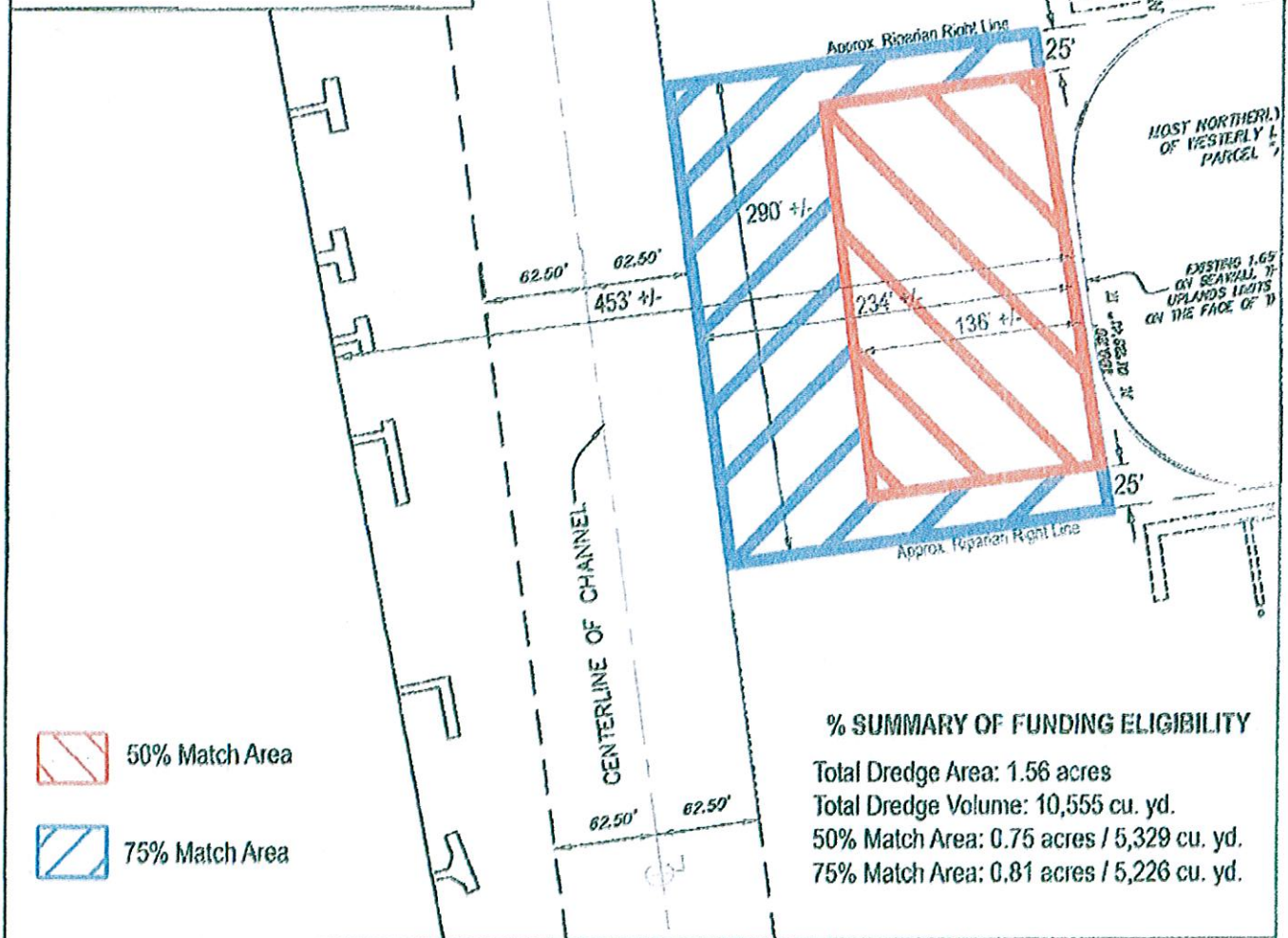
**Figure 2a:**  
 Proposed Dredging Area C  
 Funding Eligibility  
 Not to Scale

Las Clas Marine  
 240 E. Las Olas Circle  
 Fort Lauderdale, FL 33316

FORT  
LAUDERDALE  
AQUATICS  
COMPLEX

**NOTES:**

1. Dredge volumes calculated with a depth of -16', including overdraft, referencing a 2009 bathymetry survey prepared by The Chappell Group.
2. Site survey was provided by McLaughlin Engineering Company.
3. Seagrass surveys performed in 2008 by Dial Cordy & Associates and 2009 by The Chappell Group indicated no seagrass within the proposed dredge area.
4. Sovereign Submerged Land Leases require a 25' setback from the property's riparian right line.
5. Proposed project area assumes a canal width of 453 feet allowing a maximum intrusion of 136 ft. (30%) based on City code. ACOE requires a min. setback of 62.5 ft. from the channel.



EnviroCare Solutions International, Inc.  
832 NE 26th Street  
Wilton Manors, FL 33305

Figure 2:  
Proposed Dredging Area  
Funding Eligibility

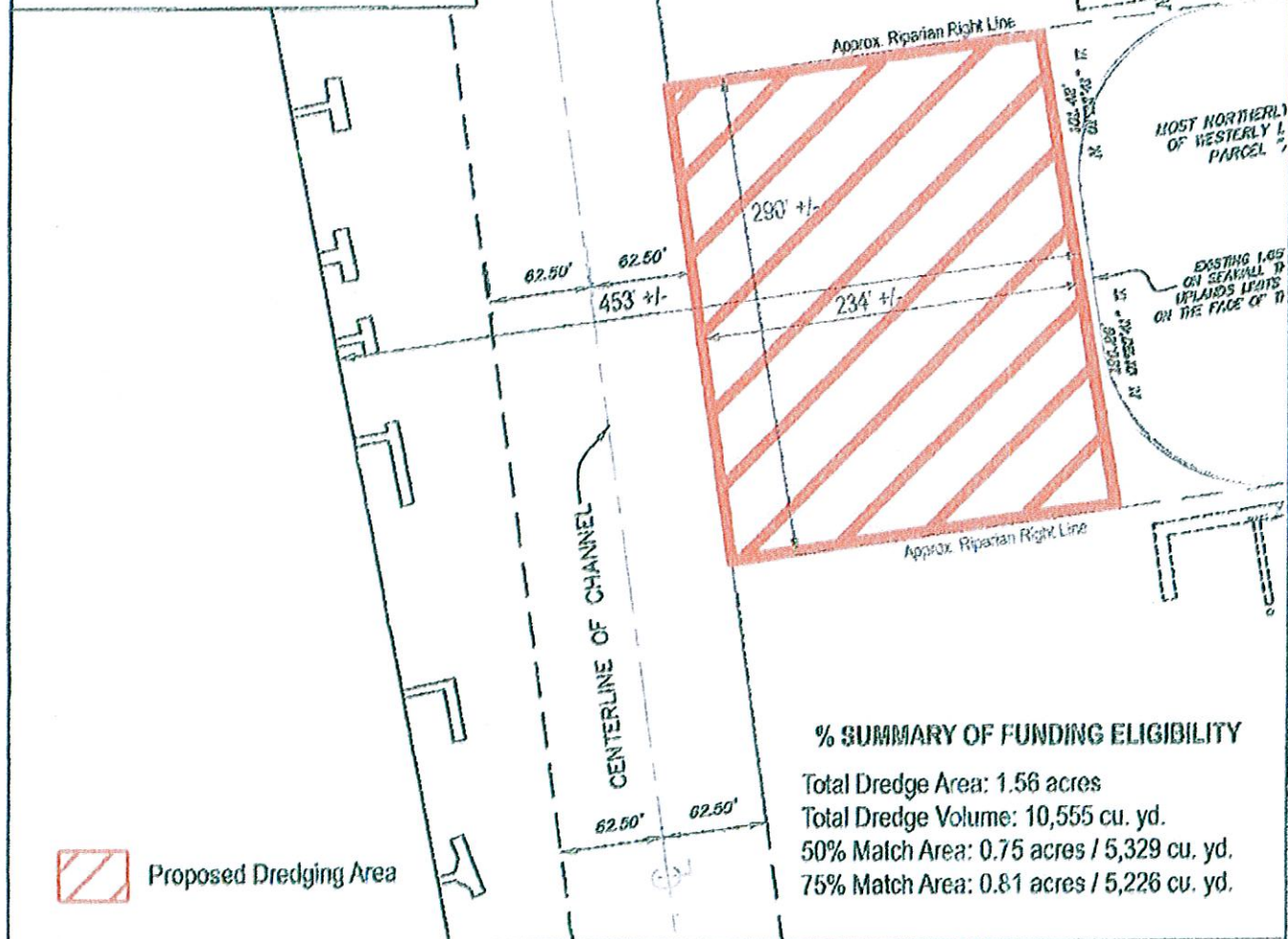
Not to Scale

Proposed Aquatic Complex  
601 Seabreeze Blvd.  
Fort Lauderdale, FL



**NOTES:**

1. Dredge volumes calculated with a depth of -15', including overdraft, referencing a 2009 bathymetry survey prepared by The Chappell Group.
2. Site survey was provided by McLaughlin Engineering Company.
3. Seagrass surveys performed in 2008 by Dial Cordy & Associates and 2009 by The Chappell Group indicated no seagrass within the proposed dredge area.
4. Sovereign Submerged Land Leases require a 25' setback from the property's riparian right line.
5. Proposed project area assumes a canal width of 453 feet allowing a maximum intrusion of 136 ft. (30%) based on City code. ACOE requires a min. setback of 62.5 ft. from the channel.

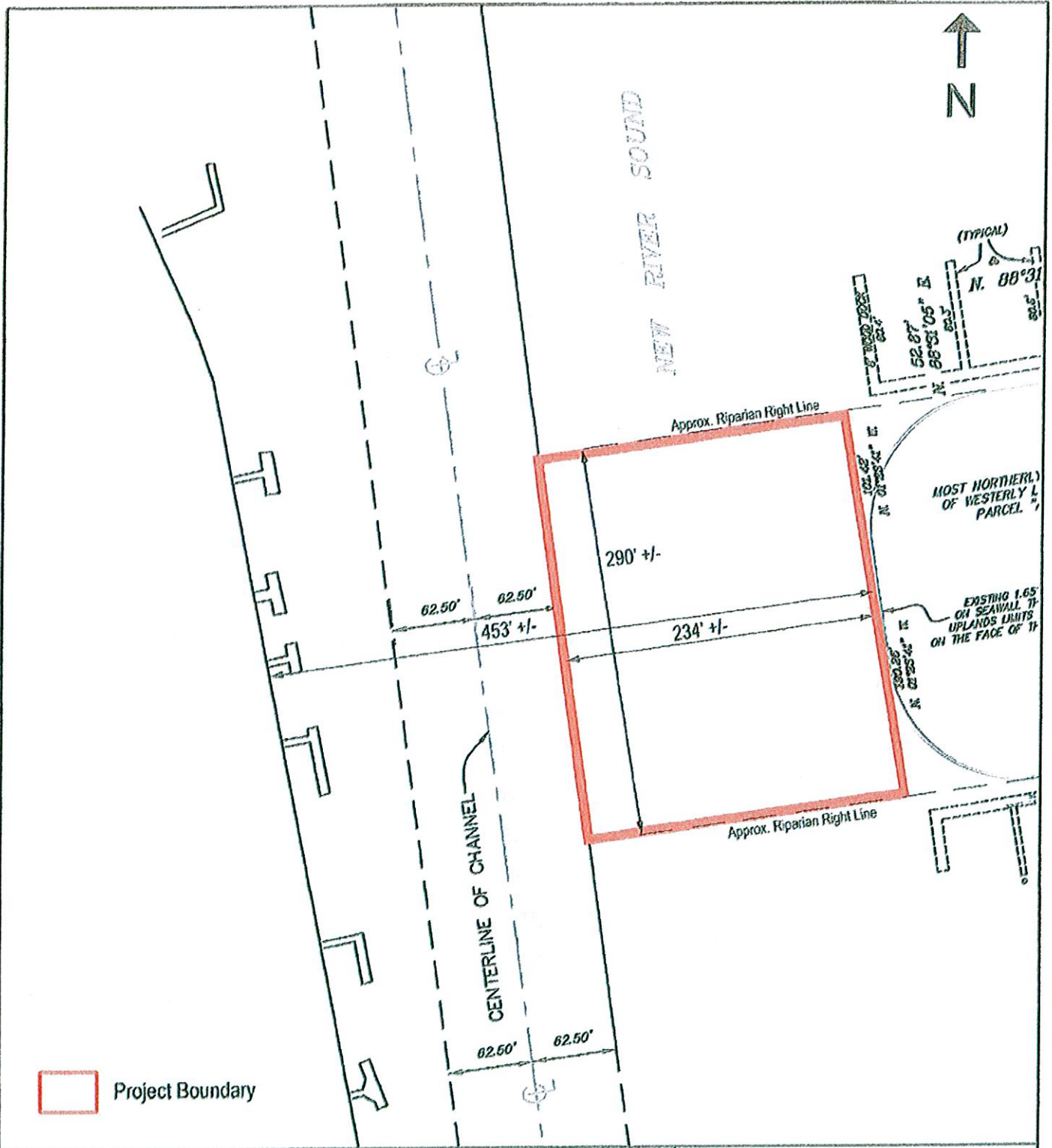


EnviroCare Solutions International, Inc.  
 832 NE 26th Street  
 Wilton Manors, FL 33305

Figure 1:  
 Proposed Dredging Area

Not to Scale

Proposed Aquatic Complex  
 601 Seabreeze Blvd.  
 Fort Lauderdale, FL



  
**EnviroCare Solutions International, Inc.**  
 832 NE 28th Street  
 Wilton Manors, FL 33305

**Project Boundary Map**  
 Proposed Aquatic Complex

**Proposed Aquatic Complex**  
 601 Seabreeze Blvd.  
 Fort Lauderdale, FL