



City of Naples

City Council Chamber
735 Eighth Street South
Naples, Florida 34102

Moorings Bay Special Taxing District Advisory Committee December 21, 2004 – 9:00 a.m.

Chairman Pennington called the meeting to order and presided.

ROLL CALL ITEM 1

Present:

Ron Pennington, Chairman
Doug Finlay
James Rozzi
Michael Williams

Also Present:

Jon Staiger, Natural Resources Manager
Brenda Blair, Recording Specialist
Norman Beumel, Coastal Planning & Engineering

Absent:

Dan Spina

ANNOUNCEMENTS ITEM 2

Chairman Pennington announced that this would be the last official meeting in which Natural Resources Manager Jon Staiger would participate, as he would retire in January. He stated that Dr. Staiger would be greatly missed.

ITEMS TO BE ADDED ITEM 3

None.

..... ITEM 6

DISCUSSION OF THE SCOPE OF ENGINEERING WORK FOR REPLACEMENT OF THE DOCTORS PASS LIGHT

Natural Resources Manager Jon Staiger reviewed the scope of services (Attachment 1) and said he anticipates that proposals will be available for review at the January meeting. Concerning the existing light, he clarified that Coast Guard regulations dictate sufficient brightness to be visible at a distance of one and one half miles. He further noted that he had requested directional adjustment of the floodlight on Admiralty Point jetty.

..... ITEM 5

DISCUSSION OF THE RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION NUMBER 2 (RAI#2) FOR THE JOINT COASTAL PERMIT APPLICATION FOR MAINTENANCE DREDGING DOCTORS PASS

Norman Beumel of Coastal Planning & Engineering reported that the other maintenance permit being sought from the Army Corps of Engineers (ACOE) had been delayed because the ACOE extended the public comment period until December 16, and is still waiting for input from both the National Marine Fisheries Service (NMFS) and U.S. Fish and Wildlife Service (FWS);

nevertheless, comments received to date will be forwarded in approximately one week, he added. Mr. Beumel then reviewed the items listed in the Department of Environmental Protection's (DEP's) Request for Additional Information (RAI#2) (Attachment 2).

Item 21

Additional information to be provided, including changes to the actual channel dimensions; this will allow the City's surveyor to prepare legal descriptions.

During discussion, Mr. Beumel agreed to provide the Committee with new drawings once the information had been updated, and on a monthly basis provide an updated schedule of the work to be performed. In response to Chairman Pennington, Natural Resources Manager Jon Staiger agreed to schedule a meeting for Mr. Pennington and himself to confer with Community Services Director David Lykins, who would be attending the Committee meetings until the Natural Resources Manager position is filled.

Item 23

This comment can be disregarded since there are no plans to place any discharge equipment on the beach; the only discharge directly into the water is located elsewhere.

Item 24

Plans will be forwarded prior to construction.

Item 25

Final permit sketches will be forwarded in January.

Item 28

It is believed that the DEP will accept hand core samples.

Item 33

Receipt of the final comprehensive inlet beach and offshore monitoring program and shorebird monitoring plan is anticipated in the spring.

Item 34

The State may seek to implement more stringent criteria, such as additional turbidity controls at final permit.

Item 35

Activity dates will be coordinated with anticipated turtle hatching dates.

Item 37

The State has accepted the City's position that placing sand in spoil site #2 will not impact the near shore hard bottom; however, the State noted the importance of continued monitoring in the event of some unforeseen impact.

APPROVAL OF MINUTESITEM 4

MOTION by Rozzi to APPROVE the November 16, 2004 meeting minutes as amended: (Page 3 – ~~wood~~ steel piling); seconded by Williams and carried without objection (Spina absent).

ADJOURN **ITEM 7**
10:50 a.m.

Ron Pennington, Chairman

Jon C. Staiger, Ph.D.
Natural Resources Manager

Minutes prepared by:

Brenda A. Blair, Recording Specialist

Minutes Approved: _____



MEMORANDUM
Natural Resources
Management

TO: Jean Guy, Janet Murphy
FROM: Jon C. Staiger *JCS*
SUBJECT: Scope of services for Doctors Pass light replacement
DATE: 09 December 2004

I have appended a scope for engineering services associated with replacement of the light at Doctors Pass. I know of two individuals who have expressed interest in providing the service:

1. Jim Hirst; James E. Hirst & Associates, Inc., 309 Airport-Pulling Rd. N., Naples 34104.
2. Mark Kincaid; Coastal Engineering Consultants, Inc., 3106 Horseshoe Dr. S., Naples 34104.

This will probably be a few thousand dollars of effort, so we may only need a couple of quotes to satisfy the purchasing rules.

JCS/Wordata/MBTDAC/Doctors Pass light 09 XII 04 memo to purchasing.doc

SCOPE OF SERVICES

The City of Naples, Florida, Natural Resources Manager is seeking quotes for preparation of design specifications for replacement of the Doctors Pass light. The present structure is a steel H-beam of unknown length, installed in 1984. It is sited in 14 feet of water, and extends approximately 20 feet above mean sea level. The beam has deteriorated to the point where it needs replacement: in addition, the light platform and access ladder need replacement. The existing light, battery box, and solar panel may also need replacement. The light is a private aid to navigation that must comply with U.S. Coast Guard standards for such devices.

The respondent shall be responsible for specifications for the entire structure, including pile(s), ladder, platform, light assembly, and Coast Guard approved safe water dayboards. In addition, the structure shall incorporate a tide gauge or tide staff, so that mariners can reference the depth of water in the Pass itself. The gauge or staff must be of a design that is readily cleaned/maintained/replaced by City staff working from a small boat.

JCS/Wordata/MBTDAC/Doctors Pass light replacement scope 09 XII 04.doc



Jeb Bush
Governor

Department of Environmental Protection

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

Attachment 2
Moorings Bay Special Taxing District
12-21-04 / Page 1 of 5

COMMUNITY SERVICES DEPT
CITY OF NAPLES, FL
Colleen M. Castille
Secretary

3 December 2004

Jon C. Staiger, PhD
Natural Resources Manager
City of Naples
735 Eight Street South
Naples, FL 34102-6703

NOTICE OF INCOMPLETENESS
REQUEST FOR ADDITIONAL INFORMATION (RAI #2)
JCP File Number: 0235740-001-JC, Collier County
Applicant Name: City of Naples
Project Name: Doctors Pass Maintenance Dredging

Dear Dr. Staiger:

This letter is to acknowledge the receipt of your additional information and to inform you that your application for a joint coastal permit, made pursuant to section 161.041 and part IV of Chapter 373, Florida Statutes (F.S.), and Rule 62B-49, Florida Administrative Code (F.A.C.), is still considered by the staff to be incomplete. Receipt of the information listed below is required in order for the department to consider your application. The items of information are numbered to correspond with the item numbers on the application form.

When replying to this RAI, please address your response to my attention (the undersigned permit processor).

Please submit three (3) hard copies of your response. Also, please prepare and submit one (1) electronic copy of your response (response document text, all attachments, and drawings) and submit it on a CD in Adobe Acrobat Reader® (.pdf) format.

21. *Provide a legal description of all property involved, including sovereign submerged lands used in carrying out the project.*

Staff acknowledges your revisions to the proposed dredge areas to reflect work previously conducted, along with the south channel extension. Likewise, we acknowledge removal of previous Spoil Site #1, and adjustment to the position of the remaining spoil site. Pending final

"More Protection, Less Process"
Printed on recycled paper.

Request For Additional Information #2
Doctors Pass Maintenance Dredging
File No. 0235740-001-JC
Page 2 of 6

review, staff has no objection to the construction proposed in these areas. Please submit the legal description and surveyor's sketch of the proposed work areas, as revised.

23. *An engineering description or as-built drawings, if available, of any existing structures on the site which may be directly or indirectly affected by, of which may directly or indirectly affect, the proposed activity.*

We acknowledge the drawings and descriptions for various beach structures, including outfalls. Please address FWC Comment (3) below.

24. *Two complete sets of construction plans and specification for the proposed activity, certified by an engineer duly registered pursuant to Chapter 471, Florida Statutes. The plans shall include the following:*

- b. *A sufficient number of elevation views of the proposed activity depicting the mean high-water line, any easement boundary, and the erosion control line, within the area of influence of the proposed activity. Identify the boundaries of significant geographical features and natural communities in the area of influence of the proposed activity.*

As mentioned under Item #21, staff is inclined to approve the construction areas as revised. Please submit the full-size drawings as appropriate, being sure to eliminate the previously proposed "+1 foot overdepth" notation.

25. *In addition to the full-size drawings requested above, the information requested under Items Nos. 20, 23, and 24 above shall be provided on 8 1/2-inch by 11-inch paper.*

Following comments under Item #21 and #24.b., please provide revised 8.5 by 11-inch drawings certified by an engineer.

28. *Permit applications for excavation or fill activities shall include the following detailed information concerning the material to be excavated:*

- a. *Core boring logs and sediment grain size analyses from representative points throughout the area to be excavated. Logs should extend at least two feet below the proposed bottom elevation. The depth of each visible horizon in the log should be reported relative NGVD and the material in each stratum classified according to grain size.*
- b. *Particle size analysis to the sediment and a measure of the percent organics by dry weight. Gradation curves should be produced from sieve analysis of each*

Request For Additional Information #2
Doctors Pass Maintenance Dredging
File No. 0235740-001-JC
Page 3 of 6

stratum in the core. Grain size distribution must be determined down to the standard unit 230 sieve size.

- c. *Chemical analysis shall be required if there is reason to suspect that the sediments are contaminated.*

Staff acknowledges receipt of geotechnical information for previously dredged areas. Please provide new geotechnical data, including all pertinent core and sediment sample information, which are adequately spaced throughout the new work area (i.e. southern channel extension). Include a map of sample locations in relation to the dredge area(s).

When performing the grain size analyses of the samples, please consider the following when submitting data to the Department for review. Please include the following in tabular form: 1) sieve number, 2) diameter in mm, 3) diameter in phi units, 4) weight retained on sieve, 5) weight percent retained on sieve, 6) cumulative weight retained on sieve, 7) cumulative weight percent retained on sieve. All weights and percentages should be recorded to the nearest 0.01 gm. Please also include a table of mean, median (d50), standard deviation (sorting), silt percent and carbonate content. Please provide cumulative frequency plots of each sample. If composite statistics are calculated, please provide the spreadsheet used to do so, as well as a cumulative frequency curve of the composite and one of the composite vs. native material.

Also, please provide a sediment QA/QC plan for this project, in accordance with Rule 62B-41.008(1)(k)4.b., F.A.C.

33. *Analysis of the expected effect of the proposed activity on the coastal system including but not limited to:*

- c. *Demonstration of consistency with an inlet management plan or a proposed draft inlet management plan in accordance with Rule 62B-41.005(16), F.A.C. If the proposed project is not included in the inlet management plan the applicant will provide the information specified in Rule 62B-41.008(1)(m), F.A.C.*

Please indicate when you expect to receive the finalized comprehensive inlet, beach and offshore monitoring program and shorebird monitoring plan.

34. *Describe the location and details of the erosion sediment and turbidity control measures to be implemented during each phase of construction and all other measures used to minimize adverse affects to water quality.*

We acknowledge receipt of the proposed turbidity controls. Please be advised that the Bureau may seek to implement more stringent criteria. For instance, turbidity monitoring stations may

Request For Additional Information #2
Doctors Pass Maintenance Dredging
File No. 0235740-001-JC
Page 3 of 6

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Request For Additional Information #2
Doctors Pass Maintenance Dredging
File No. 0235740-001-JC
Page 5 of 6

The Florida Fish & Wildlife Conservation Commission (FWC) provided the following comments, referenced in the numbered items above.

- (1) Please note that placement of material with less than 2-feet of clearance at low tide could interfere with marine turtles attempting to access the beach to nest. Therefore, it will be important to mark the sandy beach immediately upland of the fill placement sites so that the marine turtle monitors will be able to track nesting activity in the lee of the fill area. Please provide a plan for coordinating with the Collier County Marine Turtle Program to address this issue.
- (2) Fill placement activities must be timed such that no activity occurs in the nearshore if turtle nests are present, and close to hatching, on the sandy beach.
- (3) Please note that storm water discharge onto a marine turtle nesting beach can cause unauthorized take of marine turtle nests and hatchlings. Discharges from smaller structures, such as pools, should be discontinued and the property owners required to make other accommodations for their outflows. On other beaches, infiltration systems, carefully designed such that they do not act as a barrier to marine turtles on the sandy beach, that discharge landward of the beach are the best option to limit impacts to marine turtle nests and hatchlings, and to protect water quality. Continued storm water discharges onto the sandy beach might require additional incidental take authorization from the U.S. Fish & Wildlife Service.

If the applicant fails to provide all information required to complete the application within six (6) months after a request for additional information has been sent, the staff will close the permit application file after written notice to the applicant, except that a request for an extension of time for a period agreeable to the Department, but not to exceed one year, shall be granted upon demonstration by the applicant that the delay in completion of the application has been caused by matters beyond the control of the applicant. Application files closed under these procedures shall be closed without prejudice and a new application, accompanied by the appropriate fee, shall be required to renew the application.

If the processing of the application is prolonged, or if a storm event is known to have altered the shoreline such that the staff determines that the topographic and bathymetric survey data is no longer adequate to complete its analysis, then an updated survey shall be required as specified in Item No. 20 above. In the event that an updated survey is required, the application shall be treated as an amended application.