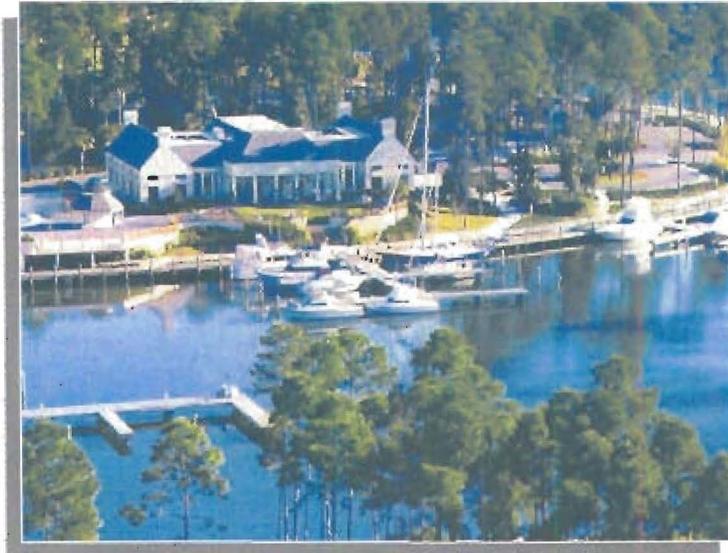


## SOUTH CAROLINA COASTAL MARINAS



*PREPARED FOR*  
*OFFICE OF OCEAN AND*  
*COASTAL RESOURCE*  
*MANAGEMENT*  
**SOUTH CAROLINA**

**THOMAS & HUTTON ENGINEERING CO.**  
**SAVANNAH, GEORGIA**



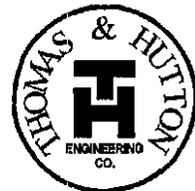
# **SOUTH CAROLINA COASTAL MARINAS**

**PREPARED FOR**

**OFFICE OF OCEAN AND COASTAL  
RESOURCE MANAGEMENT  
SOUTH CAROLINA**

**JANUARY 27, 2005**

**THOMAS & HUTTON ENGINEERING CO.  
SAVANNAH, GEORGIA**



- Exhibit A - Survey
- Exhibit B - Returned Surveys
- Exhibit C - Maps



*Dredge and Spoil Disposal Needs Assessment*  
OFFICE OF COASTAL RESOURCE MANAGEMENT

access to such a site for the disposal of dredged spoil material. The Council on Coastal Futures released a report in June 2004 outlining recommendations that deal with the South Carolina coast and its proper management of marina dredging permitting. One of the recommendations made by the Council was the development of a coast-wide dredging and spoil disposal assessment for the South Carolina coastal zone and its marinas. Thomas & Hutton Engineering Co. has been requested by the South Carolina DHEC's Office of Ocean and Coastal Resource Management to assist in the development of a dredge and spoil disposal needs assessment for the coastal marinas of South Carolina.

A questionnaire was developed outlining specific issues and information regarding the marina location, size, operations, dredging and spoil disposal history, and expected future needs. This survey was sent to coastal marinas based on lists obtained from OCRM and the South Carolina Marina Association. A copy of this survey and returned questionnaires are included in this report (Exhibits A and B respectively).



short time period in order to assess and document the responses. Additional efforts were made via follow-up telephone contact and address research to ensure the facilities received the questionnaires however several were returned with incorrect or insufficient addresses of the marinas. With the help of the South Carolina Marina Association, each marina identified on the list was contacted and requested to complete and return the surveys. In many cases, the marinas did not get the survey due to their proximity to their corporate business or operations office.

In general, the majority of the respondents indicated that future dredging activities are not planned either due to minimal siltation occurring at their facility or lack of funding to accomplish the costly dredging operation.

Much of the feedback from the marina owners/operators on the returned surveys centered on the dredge permitting process as well as the difficulties in locating accessible spoil disposal areas. Many respondents indicated their concern regarding the overall lengthy permitting process and the impact that this lengthy process has on their business. They expressed that by the time they recognize they have a dredging problem, and proceed through the dredging permitting and construction process, a two year period could expire resulting in a significant impact to their operations and business. Additional comments regarding spoil disposal areas include the need for centrally located sites for the marinas. One specific comment stated that having a nearby dedicated disposal site is difficult to maintain, unsightly, and can adversely impact nearby property values. In addition, because neighboring property owners are usually consulted during the dredging permitting process,



addressing information. Attempts were made to contact these marinas without success. The table divides coastal South Carolina into three regions: Myrtle Beach, Charleston, and Beaufort. The last row of the table reports the estimated 10 year dredging quantity need for each of the areas. Several marinas were unable to report quantities due to new management or lack of information, therefore quantities from these marinas were estimated from a reported previous quantity or not included. The quantities were determined based on reported volumes and frequency of dredging occurrences. Three maps are included in this report which show the marina locations. They are color coded to indicate their future dredging needs or lack of response to the surveys. Only those marinas that responded to the survey, or those with correct address information were included on the maps.



Number of Surveys Sent	33	29	23
Number of Surveys Received	16	11	10
Duplicates (Listed under 2 separate names)	0	2	2
Number of Marinas Contacted but Survey Not Received	10	9	8
Other (ie. No marina associated with property)	0	1	0
Number of Surveys "Returned to Sender"	7	6	3
Marinas with Drystack	4	3	1
Marinas with Onsite CDF	4	2	1
Marinas Reporting Previous Dredge Events	9	4	4
Marinas Reporting Sediment Testing History	0	1	0
Marinas Reporting Future Dredging Needs	11	7	6
10 Year Estimated Dredging Need (Total)	196,710	131,000	191,700
	CY	CY	CY



*Dredge and Spoil Disposal Needs Assessment*

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	Adams Creek Marina 3417 Myrtle Street Edisto Island, SC 29483			559-1124 Boatyard - work slips only None anticipated
2	Anchor Marina c/o Robert B. Pyle BOAC Marine, Inc. 2200 Little River Neck Road North Myrtle Beach, SC 29582			Unable to contact
	2043 Stewart Hutchens Road Whitsett, NC 27377			
3	Ashley Marina c/o John Benton 33 Lockwood Blvd. Charleston, SC 29401	•	Ashley River	None anticipated
4	Battery Creek Marina c/o Phil Berkeley 124 Lady's Island Parkway Lady's Island, SC 29902			Left message
5	Beaufort Downtown Marina Griffin Enterprises c/o Rick Griffin 1006 Bay Street Beaufort, SC 29902	•	Beaufort River	No dredging expected
6	Belle Island Marina c/o Hal Drotor 1228 Belle Isle Road Georgetown, SC 29440			SCMA contact
7	Blue Water Marine South Beach Marina Village Hilton Head Island, SC 29928			See South Beach Marina
8	Bohicket Marina c/o Damien Zanetti 1880 Andell Bluff Blvd Johns Island, SC 29455			SCMA contact
9	Briarcliff R.V. Resort 10495 North Kings Highway Myrtle Beach, SC 29572			Unable to contact



*Dredge and Spoil Disposal Needs Assessment*

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	c/o Marvin Boyd 18 Simmons Road Hilton Head Island, SC 29926					
12	Buckles Marine Center 138 Bluffton Road Bluffton, SC 29910					USPS unable to deliver
13	Bucksport Plantation Marina c/o Don McCurry 135 Bucksport Road Conway, SC 29527					Message left for owner - Stewart Weaver
14	Buzzard's Roost Marina c/o Irene Brunson 2408 Maybank Highway Johns Island, SC 29455					Same owner as Stono River Marina Message left for owner; copy of survey faxed
15	Capt. Dick's Ocean Marina c/o Tom Swatzel P.O. Box 306 Murrells Inlet, SC 29576  4123 Hwy 17 Business Murrells Inlet, SC 29576	•	Murrell's Inlet	•	•	Dredge event spring 2003; 9,000 CY Expected future dredge in 5-7 years Comments: Site Disposals need to be identified. Major problem in Murrell's Inlet.
16	Carolina Boatyard 2383 Highway 41 #A Mt. Pleasant, SC 29466					Sublease from Deytens Shipyard Not water access
17	Cedar Hill Landing 5225 Highway 17 Business Murrells Inlet, SC 29576					Unable to contact
18	Charleston City Marina c/o Robbie Freeman P.O. Box 759 Charleston, SC 29402					SCMA contact
19	Charleston Harbor Marina c/o Annette Gable 24 Patriots Point Road Mt. Pleasant, SC 29464	•	Charleston Harbor	•	•	No dredging history Approximately 15,000 CY to be dredged in 3/2005; no contamination Hydraulic dredge to DI disposal Comments: Extreme time for permitting.
20	Charleston Maritime Center c/o Victor Smith	•	Cooper River	•	•	Last dredge event 1997; 40,000 CY Daniel Island spoil site



*Dredge and Spoil Disposal Needs Assessment*

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	P.O. Box 9 Little River, SC 29566						
22	Cooper River Marina c/o Matt Driscoll 1010 Juneau Avenue North Charleston, SC 29405					SCMA contact	
23	Crickett Cove Marina c/o Ed Horton 4495 Baker Street Little River, SC 29566					SCMA contact	
24	Daniel Island Marina Village c/o Richard Miller 669 Marina Drive, Suite B11 Charleston, SC 29492					Left message	
25	Dataw Island Marina c/o Al Engle 100 Marina Drive Dataw Island, SC 29920					SCMA contact	
26	Daufuskie Island Club c/o Dave Clute P.O. Box 23285 Hilton Head, SC 29925					Survey faxed	
27	Dolphin Cove Marina c/o Tom Blocker 2079 Austin Avenue Charleston, SC 29405	•	Ashley River	•	•	•	Approximately 3,000 yearly
28	Duncan's Boat Harbor c/o Jim Duncan 4354 Bridge View Charleston, SC 29405	•	Ashley River	•			No dredging event expected
29	Edisto Marina 3702 Dockside Road Edisto Island, SC 29438						Unable to contact
30	Edisto Water Sports & Tackle c/o Ann Hutton 3731 Dock Site Road Edisto Island, SC 29438						Possibly same as Edisto Island Marina



	Folly Beach, SC 29439					
33	Freeport Marina c/o Phillip St. Clair P.O. Box 21565 Hilton Head, SC 29925					Survey faxed
34	Frapp Island Marina c/o Lewis Turner 875 Bonita Drive Frapp Island, SC 29920	•	Old House Creek			None anticipated
35	Georgetown Landing Marina c/o Ricky Ferndon P.O. Box 1704 Georgetown, SC 29442	•	Black & Pee Dee River			None anticipated
36	Hague Marina c/o George Russ #1 Hague Drive Myrtle Beach, SC 29577	•	ALWW	•	•	Approximately 5 acre disposal site None anticipated
37	Halsey-Cannon Boatyard c/o Margie Wilson, Sean Jeffries 130 Wando Creek Lane Wando, SC 29492					SCMA contact
38	Harbor Walk Marina c/o Christopher Carroll 525 Front Street Georgetown, SC 29440	•	Sampit River	•	•	Expect dredge event in 2005 of 10 CY
39	Harbortown Marina Village c/o Suzie Watson 2120 Sea Mountain Hwy North Myrtle Beach, SC 29582	•	ICW	•	•	Dredge event in 2005 Needed every 5-7 years; 35,700 CY
40	Harbour Town Yacht Basin c/o Nancy Cappelmann 149 Lighthouse Road Hilton Head Island, SC 29928	•	Calibogue Sound	•	•	Needed Every 4 years; 50,000 CY Last dredge event 2003 Comments: Disposal location is an issue.
41	Harbourside Marine 720 Highway 17 Little River, SC 29566					Returned for insufficient address No longer in business



	Pawleys Island, SC 29585					
44	Hilton Head Boathouse c/o Bob Edwards 405 Squire Pope Road Hilton Head, SC 29926					Left message for owner
45	Isle of Palms Marina c/o Bryan Berrigan 50 41st Avenue Isle of Palms, SC 29451	•	ICW @ IOP	•	•	Unknown quantity; Expected dredge occurrence every 8-10 years Disposal on Goat Island
46	Kingston Pointe Marina c/o Randy A. Beverly 8 Elm Street Conway, SC 29526	•	Waccamaw River			1998 Dredge event; unknown quantity None expected for future
47	Lady's Island Marina c/o Steve Tutley 73 Sea Island Parkway, Suite 10 Beaufort, SC 29907	•	Factory Creek	•	•	Unknown previous Some expected for future Comments: Need disposal site.
48	Lightkeepers Marina Waterway Properties c/o Ron Peterson P.O. Box 1898 Little River, SC 29566	•	Coquina Harbor		•	To dredge 18,000 CY in 2005 Expected dredge every 5 years Possible access to Horry County disposal site Comments: Permit process with Corps and communication difficult.
49	Litchfield Plantation Marina c/o Chet Rumbley P.O. Box 290, Kings River Road Pawleys Island, SC 29585	•	Waverly Creek	•	•	Last dredge event 2002; unknown quantity; unknown expectations for future Comments: Permitting process issues.
50	Long Island Yacht Harbor c/o Michael Carol 103 Palm Blvd Isle of Palms, SC 29451					Same as Isle of Palms?
51	Mariner's Cay Marina c/o Greg Smith P.O. Box 1229 Folly Beach, SC 29439	•	Folly River		•	Minor Dredging in a couple of yrs Unknown quantity
52	Mariner's Pointe c/o Tom Hettrick					Left message



54	Marsh Harbor Boatyard c/o Paul Jernigan 45 Colony Gardens Road Beaufort, SC 29577						Survey faxed
55	Myrtle Beach Yacht Basin 1 Hague Drive Myrtle Beach, SC 29577						SCMA contact
56	Myrtle Beach Yacht Club 714 Highway 17 Little River, SC 29566	•	Coquina Harbor				• None previously, unknown quantity in 2005; Disposal at Horry County Disposal site
57	North Myrtle Beach Marina Silver Coast Marina c/o Bill Bartus 4430 Kingsport Road Little River, SC 29566	•	ICW Little River	•			No dredging needs encountered
58	Osprey Marina c/o Sherry Harrelson P.O. Box 30279 Myrtle Beach, SC 29588	•	MM 373	•	•		5 Ac Upland Site None anticipated
59	Outdoor Resort - RV Resort 43 Jenkins Island Road Hilton Head Island, SC 29926						Survey faxed
60	Outdoor Resorts Marina c/o Bill Stelmack P.O. Box 21585 Hilton Head, SC 29925						Same as Outdoor Resort - RV Resort
61	Palmetto Bay Marina c/o Chris Wimmer 86 Helmsman Way Hilton Head, SC 29928	•	Broad Creek		•		• Last dredge event in 12/2000; 1,700 CY Dredge event expected prior to 2010 Comments: Access to disposal site issue
62	Plantation Harbour, Inc. 4419 Plantation Harbour Drive Little River, SC 29566						Unable to contact
63	Port Royal Landing c/o Larry Hines 1 Landing Drive	•	Beaufort River				• Needed in approx 1 year Unknown quantity c/o Tom Wilson



*Dredge and Spoil Disposal Needs Assessment*

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65	Ripley Light Marina c/o Bruce Wallace 56 Ashley Pointe Drive Charleston, SC 29407	•	Ashley River	•	•	•	2004 Spring dredge event; 37,000 CY Expected dredge event in Spring 2005 Disposal at Citadel spoil basin Comments: Access to disposal site issue
66	Ross Marine c/o Arthur Swygert 2676 Swygert Blvd Johns Island, SC 29455	•	Stono River MM 476				None anticipated
67	Schilling Boathouse 405 Squire Pope Road Hilton Head Island, SC 29926						Hilton Head Boathouse
68	Sea Island Depot 6165 Savannah Hwy Yonges Island, SC 29449						No Marina
69	Seabreeze Marina and Drystack c/o Jimmy Drake 50 Immigration Street Charleston, SC 29403						Survey faxed
70	Shelter Cove Marina c/o Dave Harris P.O. Box 5628 Hilton Head, SC 29938						SCMA contact
71	Shem Creek Marina c/o Jeff Jarrard 526 Mill Street Mt. Pleasant, SC 29464	•	Shem Creek	•			Unknown history or future expectations
72	Silcox Marine Group 966 McCants Drive Mt. Pleasant, SC 29464						Unable to contact
73	Skull Creek Marina c/o Ross Lysinger #1 Waterway Place Hilton Head, SC 29926	•	Skull Creek - Port Royal Sound				• Anticipated dredge 2006-07 Unknown quantity
74	South Beach Marina c/o Alan Pollard 232 South Sea Pines Drive Hilton Head, SC 29928	•	Braddock Creek			•	Dredge event 4/2003; 90,000 CY Ocean disposal Unknown future dredge expectations Comments: Access to disposal site issue



76	Springs Marine & Outdoor Center 3653 Highway 17 Murrells Inlet, SC 29576									USPS unable to locate Unable to contact
77	Stono Marina, Inc. c/o Shannon Strickland 2409 Maybank Highway Johns Island, SC 29455									Same owner as Buzzard's Roost Message left for owner; faxed survey
78	The Boat Shed c/o W.T. Bellune, III 18 South St. James Street Georgetown, SC 29440	•	Samplt River	•	•					Upland Disposal; 64 CY Future dredge event not expected
79	The Marina at Dock Holiday's c/o Marc Hardiman 1525 13th Avenue North North Myrtle Beach, SC 29582	•	Little River MM 348	•	•	•				Last dredge event 1999; Unknown quantity; anticipate another dredge event in 1-2 years
80	Toler's Cove Marina c/o Kevin Austin 1610 Ben Sawyer Blvd Mt. Pleasant, SC 29464									Unable to contact
81	Voyager's View Marina c/o Ron Murrel P.O. Box 607 Murrells Inlet, SC 29576									Unable to contact; phone listed incorrect
82	Wacca Wache Marina c/o Katherine B. Hamby P.O. Box 570 Murrells Inlet, SC 29576	•	ICW	•	•	•				Last dredge event in 1990 Expected dredge event in 2005 Unknown quantity; new management
83	Wexford Harbor c/o Lamar Mobery P.O. Box 4100 Hilton Head, SC 29928									Left message
84	Wild Dunes Yacht Harbor c/o Jack Lucas 50 41st Avenue Isle of Palms, SC 29451									See Isle of Palms Marina



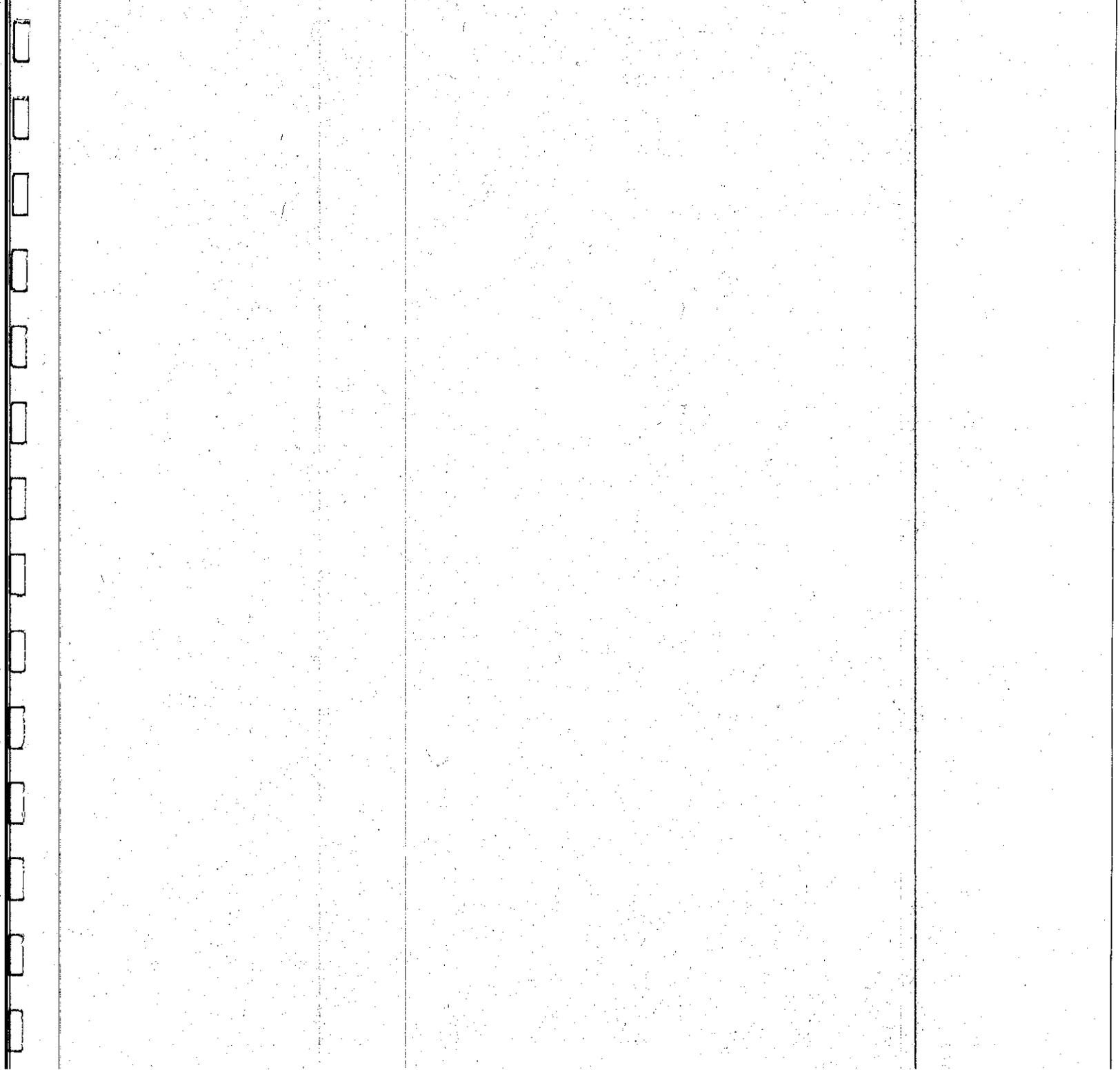
*Dredge and Spoil Disposal Needs Assessment*

OFFICE OF COASTAL RESOURCE MANAGEMENT



*Dredge and Spoil Disposal Needs Assessment*  
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**To:** All Coastal Marinas  
**From:** Jim Ducker  
**CC:** Charlie George; Rocky Browder  
**Date:** 11/16/04  
**Re:** Marina Dredging Needs Assessment Study

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The South Carolina coastal zone contains over 70 marinas, many of which predate OCRM regulations requiring newly constructed or expanded marinas to have an approved deed restricted upland spoil site, or to be able to demonstrate permanent access to such a site for the disposal of dredge spoil material. The Council on Coastal Futures released a report in June of this year outlining recommendations that deal with the South Carolina coast and its proper management. One of the recommendations made by the Council was the development of a coast-wide dredging and spoil disposal assessment for the South Carolina coastal zone and its marinas.

Thomas & Hutton Engineering Company has been asked to assist DHEC's Office of Ocean and Coastal Resource Management's in development of a needs assessment. Attached you will find a short survey which will assist us in understanding future dredging and disposal needs for the marinas along the coast of South Carolina. This will give the marinas an opportunity for feedback relating to their experience with their specific maintenance dredging issues. Please complete the enclosed survey and return to:

Jim Ducker  
Thomas & Hutton Engineering Company  
935 Houston Northcutt Blvd  
PO Box 1522  
Charleston, SC 29464

I will follow up with a phone call after the survey has been returned to clarify or gather any additional information that may be needed for the survey. Thank you for your time in assisting us with this survey. The information you give us will be important in South Carolina's development of a management strategy which impacts operations for this aspect of your maintenance program. We would appreciate the return of your questionnaire by Friday, December 17<sup>th</sup>, 2004.

**THOMAS & HUTTON ENGINEERING Co.**  
935 Houston Northcutt Blvd  
PO Box 1522  
Mt. Pleasant, SC 29464  
843-849-0200

**General Information:**

Marina: \_\_\_\_\_

Address of Marina: \_\_\_\_\_

Waterway: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Size of Basin (Acres/ No. of Slips): \_\_\_\_\_  
\_\_\_\_\_

Type of Facilities/Amenities (Yes/No)

Fuel \_\_\_\_\_ Dry Stack Storage \_\_\_\_\_

Pump-out \_\_\_\_\_ Restrooms \_\_\_\_\_

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: \_\_\_\_\_

**Dredging Information:**

Date of most recent maintenance dredging activity: \_\_\_\_\_

Quantity of Material dredged and method: \_\_\_\_\_

Date permit issued for recent dredging, if known: \_\_\_\_\_

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
\_\_\_\_\_

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
\_\_\_\_\_

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: \_\_\_\_\_

Is future dredging activity to be performed under new or existing permit: \_\_\_\_\_

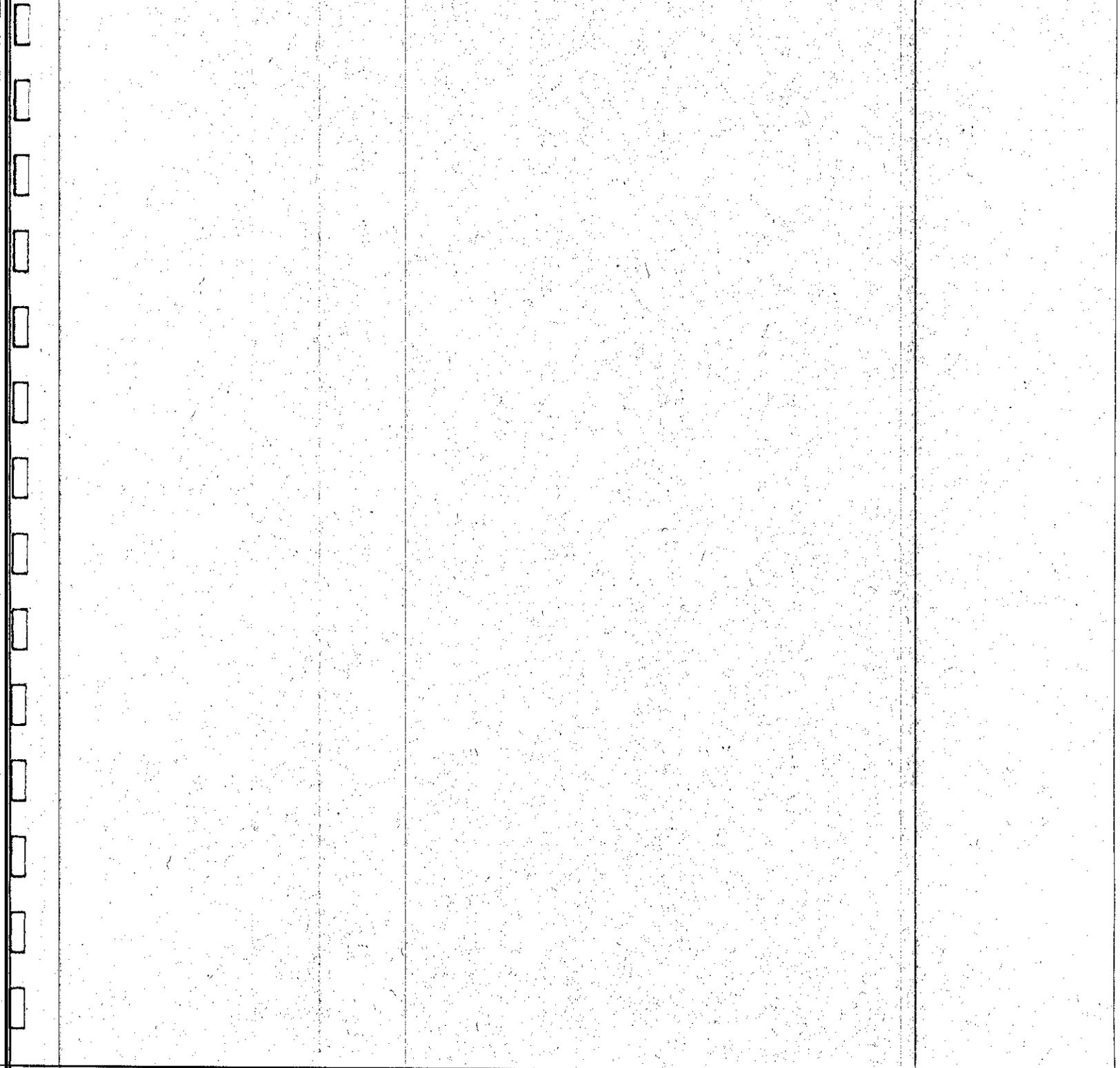
Proposed location of disposal for future dredging: \_\_\_\_\_

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

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\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



**General Information:**

Marina: ASHLEY MARINA

Address of Marina: 33 LOCKWOOD DRIVE, CHARLESTON, SC

Waterway: ASHLEY RIVER

Phone Number: 843-722-1996 Fax: 843-722-3623

Contact Person: JOHN BENYON

Size of Basin (Acres/ No. of Slips): 186 SLIPS + ~~255~~ 3500 LINEAR FEET ALONGSIDE DOCKAGE.

**Type of Facilities/Amenities (Yes/No)**

Fuel YES Dry Stack Storage NO  
Pump-out YES Restrooms YES  
Other (explain) \_\_\_\_\_

Date Marina first opened, if known: 1972

**Dredging Information:**

Date of most recent maintenance dredging activity: NO DREDGING REQUIRED

Quantity of Material dredged and method: \_\_\_\_\_

Date permit issued for recent dredging, if known: \_\_\_\_\_

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
\_\_\_\_\_

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
\_\_\_\_\_

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: NONE

Is future dredging activity to be performed under new or existing permit: NO

Proposed location of disposal for future dredging: \_\_\_\_\_

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:  
\_\_\_\_\_  
\_\_\_\_\_

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: DOWNTOWN MARINA OF BEAUFORT

Address of Marina: 1006 BAY ST., BEAUFORT, SC 29902

Waterway: ICW - BEAUFORT RIVER

Phone Number: 843-524-4422 Fax: 843-524-8487

Contact Person: RICK GRIFFIN

Size of Basin (Acres/ No. of Slips): 100

**Type of Facilities/Amenities (Yes/No)**

Fuel YES Dry Stack Storage NO

Pump-out YES Restrooms YES

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: Approx. 1965 / REBUILT 1975

**Dredging Information:**

Date of most recent maintenance dredging activity: N/A

Quantity of Material dredged and method: N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: NOT EXPECTED

Is future dredging activity to be performed under new or existing permit: N/A

Proposed location of disposal for future dredging: N/A

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

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\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: BROAD CREEK MARINA OF HILTON HEAD

Address of Marina: 18 SIMMONS ROAD, HILTON HEAD ISL. SC, 29926

Waterway: BROAD CREEK ON HILTON HEAD

Phone Number: 843-681-3625 Fax: 843-689-9451

Contact Person: MARVIN BOYD

Size of Basin (Acres/ No. of Slips): 14 ACRES 340 TR/ 55 WET

**Type of Facilities/Amenities (Yes/No)**

Fuel YES Dry Stack Storage YES

Pump-out YES Restrooms YES

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: 1997

**Dredging Information:**

Date of most recent maintenance dredging activity: N/A

Quantity of Material dredged and method: N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
\_\_\_\_\_

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
\_\_\_\_\_

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: NOT EXPECTED

Is future dredging activity to be performed under new or existing permit: NO

Proposed location of disposal for future dredging: NONE

Issue/Concerns/Comments Relating to Dredging/Disposal Encountered:

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\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: Capt. Dick's Marina

Address of Marina: 4123 Hwy 17 Business Murrells Inlet, SC

Waterway: Murrells Inlet

Phone Number: 843-357-1673 Fax: 843-651-7570

Contact Person: Tom Swetzel

Size of Basin (Acres/ No. of Slips): 51 slips

**Type of Facilities/Amenities (Yes/No)**

Fuel  Dry Stack Storage \_\_\_\_\_  
Pump-out \_\_\_\_\_ Restrooms   
Other (explain) \_\_\_\_\_

Date Marina first opened, if known: 1970

**Dredging Information:**

Date of most recent maintenance dredging activity: Early 2003

Quantity of Material dredged and method: 9,000 yds<sup>3</sup> RDS - Hydraulic

Date permit issued for recent dredging, if known: 2002

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
RDS - Upland

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
Silt

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: within 5 to 7 yrs 9,000 yds

Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: Unknown

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

Sites for dewatering + disposal  
need to be identified. It is a

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

major problem in Murrells Inlet.

**General Information:**

Marina: Charleston Harbor Marina

Address of Marina: 24 Patriots Point Rd., Mt. Pleasant, SC 29464

Waterway: Charleston Harbor

Phone Number: (843) 856-0026 Fax: (843) 284-7076

Contact Person: Stephen Wright

Size of Basin (Acres/ No. of Slips): 23 acres / 459 slips

**Type of Facilities/Amenities (Yes/No)**

Fuel gas and diesel Dry Stack Storage \_\_\_\_\_

Pump-out  Restrooms

Other (explain) adjacent Hilton Hotel

Date Marina first opened, if known: 1996

**Dredging Information:**

Date of most recent maintenance dredging activity: never dredged

Quantity of Material dredged and method: ≈ 15,000 cubic yards needed

Date permit issued for recent dredging, if known: January, 05

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:

hydraulic/upland @ Daniel Island CDF

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.

NON-contaminated silts (≈ 5000 cubic yards of beach quality sands)

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: March 05 / 15,000 cubic yards

Is future dredging activity to be performed under new or existing permit: existing

Proposed location of disposal for future dredging: Drum Island / Daniel Island

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:  
extreme time required to get dredge permit - 2 years

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

Contact Person: Victor Smice

Size of Basin (Acres): 1

Type of Facilities/Amenities (Yes/No)

Fuel  Dry Stack Storage NO

Other (explain): Special events, ice machine

Date Marina first opened, if known: 10/16/97

**Dredging Information:**

Date of most recent maintenance dredging activity: 1997

Quantity of Material dredged and method: 40000 cu yds

Date permit issued for recent dredging, if known: 4/27/99

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:

Upland, Daniel J. Basin

Reason for disposal location used: most cost effective

Does the marina own/maintain an onsite upland disposal facility: NO

If so, what size and capacity: \_\_\_\_\_

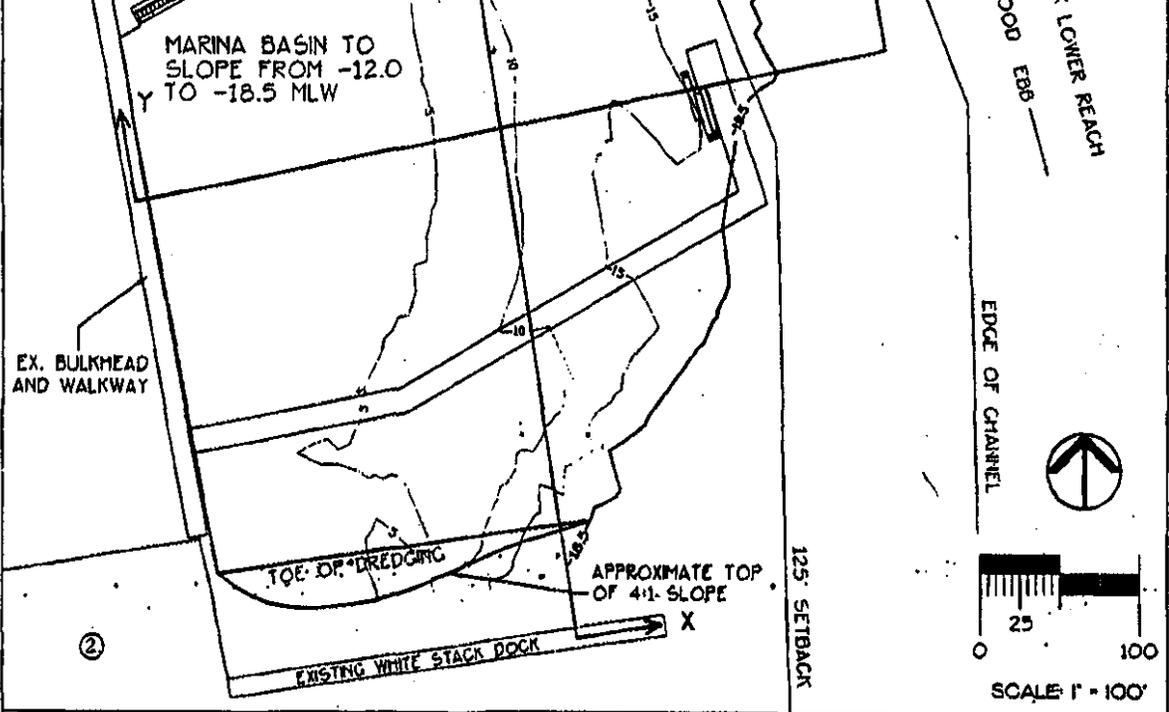
Next anticipated dredging event for marina and quantity: unknown

Is future dredging activity to be performed under new or existing permit: under new

Proposed location of disposal for future dredging: unknown

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

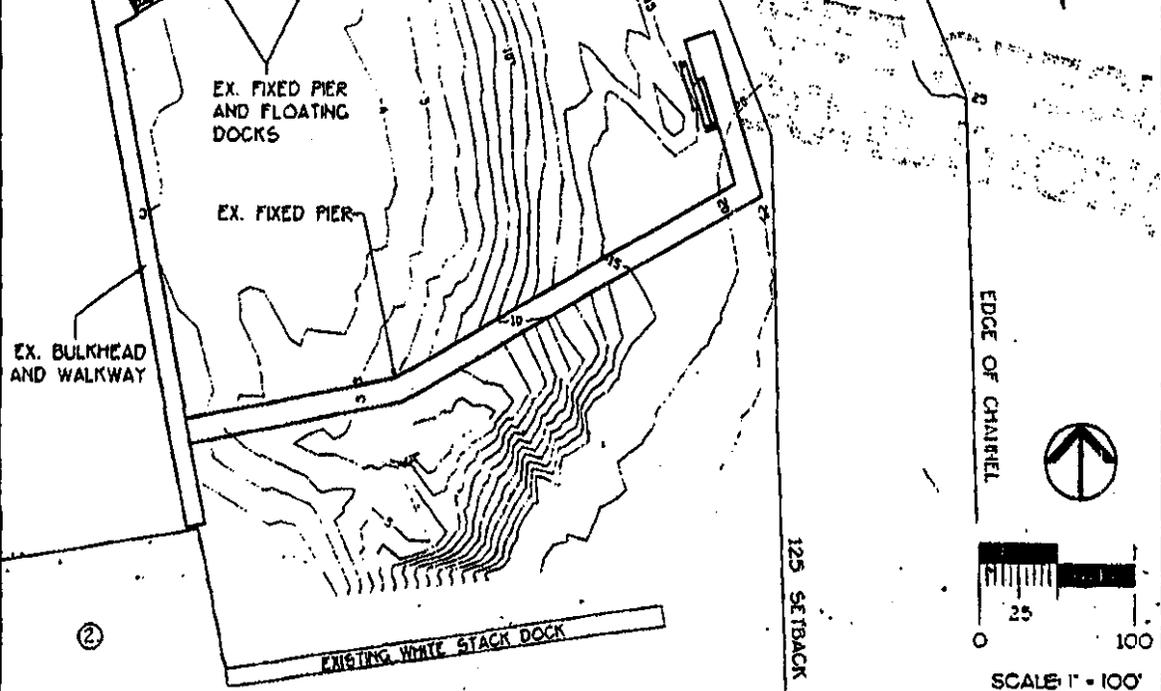
Trace contaminants in area, disposal method + site too costly. We need to maintain dredge as originally planned but funding is a problem.



<p>PURPOSE: PRIVATE AND PUBLIC USE</p> <p>DATUM: MLW</p> <p>ADJACENT PROPERTY OWNERS:</p> <p>① DOCKSIDE CONDOMINIUMS</p> <p>② WHITE STACK TOWING INC</p>	<p><b>MAINTENANCE DREDGING PLAN</b></p> <p><b>CHARLESTON MARITIME CENTER</b></p> <p>CITY OF CHARLESTON P.O. BOX 652 CHARLESTON, SC 29402</p>	<p>PROPOSED: MAINTENANCE DREDGING</p> <p>IN CHARLESTON ON COOPER RIVER COUNTY OF CHARLESTON STATE OF SC</p> <p>SHEET: 3 OF 6 DATE: 3/15/99</p>
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JON GLENN TAYLOR, P.E., INC.  
CMC99P3

7 of 10



PURPOSE: PRIVATE AND PUBLIC USE

DATUM: MLW

ADJACENT PROPERTY OWNERS:

- ① DOCKSIDE CONDOMINIUMS
- ② WHITE STACK TOWING INC

**EXISTING MARINA  
BASIN CONDITIONS**

**CHARLESTON  
MARITIME CENTER**

CITY OF CHARLESTON  
P.O. BOX 652  
CHARLESTON, SC 29402

PROPOSED: MAINTENANCE DREDGING

IN: CHARLESTON  
ON: COOPER RIVER  
COUNTY OF: CHARLESTON  
STATE OF: SC

SHEET: 2 OF 6 DATE: 3/15/99

JON GERRY TAYLOR, P.E., INC.  
CMC99P2

6 OF 10

Marina: DOLPHIN COVE MARINA

Address of Marina: 2079 AUSTIN AVENUE, CHAS., SC 29405

Waterway: ASHLEY RIVER

Phone Number: 843/744-2562 Fax: 843/744-2563

Contact Person: DAVID G RACE

Size of Basin (Acres/ No. of Slips): 125 WETSLIPS

Type of Facilities/Amenities (Yes/No)

Fuel Y Dry Stack Storage Y

Pump-out Y Restrooms Y

Other (explain) CAFE

Date Marina first opened, if known: 1990

Dredging information:

Date of most recent maintenance dredging activity: on going

Quantity of Material dredged and method: 3,000 yards by mechanical

Date permit issued for recent dredging, if known: 2001

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
UPLAND DISPOSAL

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
SILTS/SAND

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: YEARLY

Is future dredging activity to be performed under new or existing permit: BOTH

Proposed location of disposal for future dredging: SAME

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:  
MECHANICAL DREDGING IS VERY INEFFICIENT COMPARED TO

HYDRALIC DREDGING

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: DUNCANS BOAT HARBOUR

Address of Marina: 4354 Bridge View Dr. N Chas SC 29405

Waterway: Ashley River

Phone Number: 843 744 2628 Fax: 843 744 2658

Contact Person: Jim Duncan

Size of Basin (Acres/ No. of Slips): 60 SLIPS

**Type of Facilities/Amenities (Yes/No)**

Fuel YES GAS Dry Stack Storage YES

Pump-out YES Restrooms YES

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: 1989

**Dredging Information:**

Date of most recent maintenance dredging activity: NOT NEEDED

Quantity of Material dredged and method: 0

Date permit issued for recent dredging, if known: \_\_\_\_\_

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
\_\_\_\_\_

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
\_\_\_\_\_

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: \_\_\_\_\_

Is future dredging activity to be performed under new or existing permit: NOT NEEDED AT THIS TIME

Proposed location of disposal for future dredging: \_\_\_\_\_

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

\_\_\_\_\_  
\_\_\_\_\_

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

General Information:

Marina: FRIPP ISLAND MARINA

Address of Marina: 875 BONITA DRIVE

Waterway: OLD HOUSE CREEK

Phone Number: (843) 838-1517 Fax: (843) 838-0256

Contact Person: LEWIS TURNER

Size of Basin (Acres/ No. of Slips): 65

Type of Facilities/Amenities (Yes/No)

Fuel ✓ TRAILER Dry Stack Storage \_\_\_\_\_

Pump-out ✓ Restrooms ✓

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: ? 1970's

**Dredging Information:**

Date of most recent maintenance dredging activity: N/A

Quantity of Material dredged and method: N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: N/A

Type of material dredged, i.e., beach quality sand, contaminated sand, silts, etc: N/A

**General Information:**

Marina: GEORGETOWN LANDING MARINA

Address of Marina: 432 Marina Drive Georgetown SC 29440

Waterway: Black & Pee Dee River @ US HWY 17 Bridge

Phone Number: 843-546-1776 Fax: 843-546-7832

Contact Person: Richy Jordan

Size of Basin (Acres/ No. of Slips): 171 slips + 680' linear Dock

**Type of Facilities/Amenities (Yes/No)**

Fuel  \_\_\_\_\_ Dry Stack Storage \_\_\_\_\_  
Pump-out  \_\_\_\_\_ Restrooms  \_\_\_\_\_  
Other (explain) \_\_\_\_\_

Date Marina first opened, if known: 1982

**Dredging Information:** - Never been dredged -

Date of most recent maintenance dredging activity: None

Quantity of Material dredged and method: N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: None Anticipated

Is future dredging activity to be performed under new or existing permit: N/A

Proposed location of disposal for future dredging: N/A

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

N/A

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: Hague Marina  
Address of Marina: Myrtle Beach, S.C.  
Waterway: AIWA  
Phone Number: 843-293-2141 Fax: 843-293-2140  
Contact Person: George Russ  
Size of Basin (Acres/ No. of Slips): 1 1/2 / 35

**Type of Facilities/Amenities (Yes/No)**

Fuel Y Dry Stack Storage N  
Pump-out N Restrooms Y  
Other (explain) Hauling, Repairs, Storage

Date Marina first opened, if known: 1960

**Dredging Information:**

Date of most recent maintenance dredging activity: 1995 (APPROX)  
Quantity of Material dredged and method: UK  
Date permit issued for recent dredging, if known: NOA  
Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
Dragline  
Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
UNKNOWN

If so, what size and capacity: 5 - ACRES

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: \_\_\_\_\_

Is future dredging activity to be performed under new or existing permit: \_\_\_\_\_

Proposed location of disposal for future dredging: \_\_\_\_\_

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

NO PLANS TO DREDGE

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: Harborwalk Marina

Address of Marina: 525 Front Street

Waterway: Sampit River / ICW

Phone Number: 943-546-4250 Fax: 943-546-2395

Contact Person: Christopher Carroll

Size of Basin (Acres/ No. of Slips): 1 Acre 23 slips (Approx.)

**Type of Facilities/Amenities (Yes/No)**

Fuel Y Dry Stack Storage N

Pump-out N Restrooms Y

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: prior to 1964 ?

**Dredging Information:**

Date of most recent maintenance dredging activity: Will be dredging in 2005

Quantity of Material dredged and method: Approx 10 cubic yards

Date permit issued for recent dredging, if known: Approx. 2/1/05

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
upland disposal

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
silts

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 1/5/05

Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: N/A

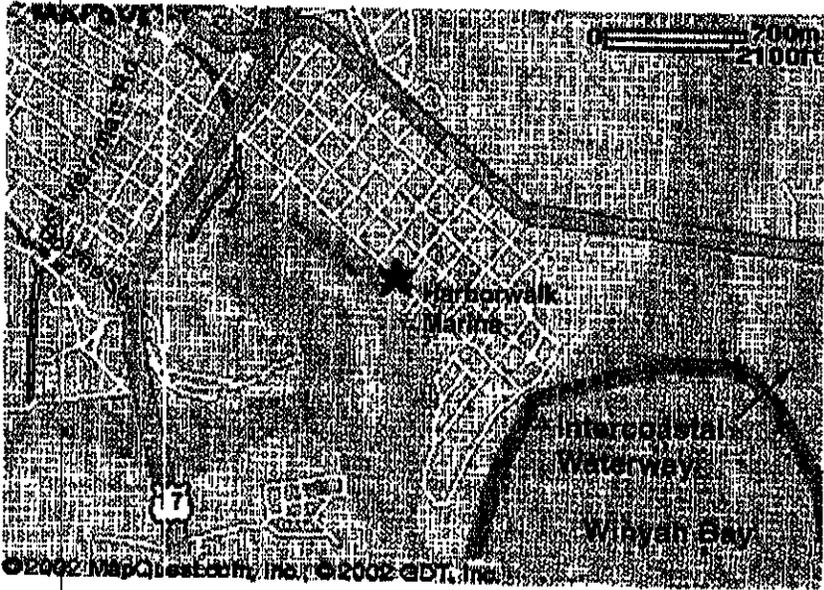
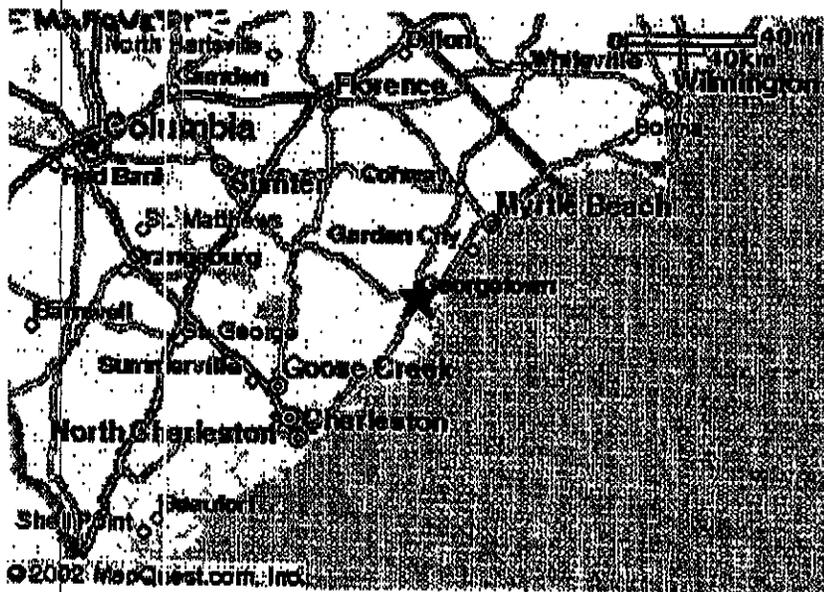
Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

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\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

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**General Information:**

Marina: HARBOR GATE MARINA GROUP

Address of Marina: 2120 SEA MOUNTAIN HIGHWAY

Waterway: ATLANTIC INTRA-COASTAL WATERWAY

Phone Number: 843-280-0442 Fax: 843-280-0586

Contact Person: SUSIE WATSON

Size of Basin (Acres/ No. of Slips): 100 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel ✓ YES Dry Stack Storage NO

Pump-out NO Restrooms ✓

Other (explain) RESTAURANT

Date Marina first opened, if known: 1988

**Dredging Information:**

Date of most recent maintenance dredging activity: 1-20-05

Quantity of Material dredged and method: 35,700 - hydraulic pipe line

Date permit issued for recent dredging, if known: 4-26-1995 - Exp. 4-30-2008

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
Disposal Basin 389-LB

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
Silt

If so, what size and capacity: \_\_\_\_\_

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: JANUARY 2005 - Every 5-7 years thereafter

Is future dredging activity to be performed under new or existing permit: Existing Permit

Proposed location of disposal for future dredging: SAME AS ABOVE - See Attached

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

None

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: Harbour Town Yacht Basin

Address of Marina: 149 Lighthouse Rd, Hilton Head Island SC 29928

Waterway: Calibogue Sound

Phone Number: (843) 671-2704 Fax: (843) 671-0433

Contact Person: NANCY CAPPELMANN

Size of Basin (Acres/ No. of Slips): 8 1/2 / 100 slips

**Type of Facilities/Amenities (Yes/No)**

Fuel yes Dry Stack Storage no  
Pump-out yes Restrooms yes  
Other (explain) \_\_\_\_\_

Date Marina first opened, if known: 1970

**Dredging Information:**

Date of most recent maintenance dredging activity: 2003

Quantity of Material dredged and method: APPROX 50,000 cu.

Date permit issued for recent dredging, if known: March 2002

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
Hydraulic dredge - ocean disposal

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
Silt within harbour  
Sand in channel entrance

If so, what size and capacity.

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 1. need every 4-6 years

Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: Don't know

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

→ Distance to offshore site adds considerably to cost, especially when required to haul barge loads of water to offshore site.

Problems are exacerbated because of the inability to keep liquid/silt mixture contained in deep flow.

**General Information:**

Marina: HERITAGE PLANTATION MARINA

Address of Marina: 1823 HERITAGE DR PAWLEY'S ISLAND, SC 29585

Waterway: ICW MM393 N 33-26-64S W 79-10-530

Phone Number: (843) 237-3650 Fax: 843-235-0854

Contact Person: DUG ROHLFF DUCK MASTER MGR

Size of Basin (Acres/ No. of Slips): 40

**Type of Facilities/Amenities (Yes/No)**

Fuel \_\_\_\_\_ Dry Stack Storage \_\_\_\_\_

Pump-out  Restrooms

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: JUNE 1995

**Dredging Information:**

Date of most recent maintenance dredging activity: N/A

Quantity of Material dredged and method: N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc. N/A

if so, what size and capacity. \_\_\_\_\_  
Next anticipated dredging event for marina and quantity and/or expected frequency  
of dredging: N/A

Is future dredging activity to be performed under new or existing permit: N/A

Proposed location of disposal for future dredging: N/A

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered: N/A

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings  
would be very helpful.

General Information  
Marina: ISLE OF PALMS MARINA  
Address of Marina: 50 4<sup>TH</sup> AVE FID, SC 29451  
Waterway: 456.7  
Phone Number: 843 886-0209 Fax: 886-0058  
Contact Person: BRIAN J BERRIGAN  
Size of Basin (Acres/ No. of Slips) @ 1.5 ACRES / @ 40

Type of Facilities/Amenities (Yes/No)

Fuel  Dry ~~Stack~~ Storage  ON TRAILER  
Pump-out  Restrooms   
Other (explain) CONVENIENCE STORE AND RESTAURANT

Date Marina first opened, if known: EARLY 80'S

Dredging Information:

Date of most recent maintenance dredging activity: JULY 2003

Quantity of Material dredged and method: \_\_\_\_\_

Date permit issued for recent dredging, if known: 2003

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
UPLAND DISPOSAL / GOAT ISLAND

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
SILTS

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: EVERY 8-10 YEARS

Is future dredging activity to be performed under new or existing permit: ? NEW

Proposed location of disposal for future dredging: COAST IS.

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

NONE

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: Kingston Pointe  
Address of Marina: 8 Elm Street, Conway, SC 29526  
Waterway: Waccamaw River  
Phone Number: (843) 248-63 Fax: (843) 347-4688  
Contact Person: Randy A. Beiseky  
Size of Basin (Acres/ No. of Slips): 71 Slips

**Type of Facilities/Amenities (Yes/No)**

Fuel No Dry Stack Storage No  
Pump-out No Restrooms No  
Other (explain) \_\_\_\_\_

Date Marina first opened, if known: June 1999

**Dredging Information:**

Date of most recent maintenance dredging activity: 1998

Quantity of Material dredged and method: Good-sandy soil

Date permit issued for recent dredging, if known: NONE

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
upland disposal

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
Good sand

If so, what size and capacity.

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: None planned

Is future dredging activity to be performed under new or existing permit: None planned

Proposed location of disposal for future dredging: N/A

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:  
\_\_\_\_\_  
\_\_\_\_\_

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: LADY'S ISLAND MARINA

Address of Marina: 73 SEA ISLAND PARKWAY #10  
BEAUFORT, SC 29907

Waterway: FACTORY CREEK

Phone Number: 843-522-0430 Fax: \_\_\_\_\_

Contact Person: STEVEN TULLY 843-521-0000

Size of Basin (Acres/ No. of Slips): 90 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel NO Dry Stack Storage NO

Pump-out YES Restrooms YES

Other (explain) PUMP BOAT -

Date Marina first opened, if known: 1940's Shrimp Docks

**Dredging Information:**

Date of most recent maintenance dredging activity: 1950's

Quantity of Material dredged and method: ?

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
UPLAND FROM SITE

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
SILT ?? PLUCK MUD

If so, what size and capacity: SOMEWHERE

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: SOON

Is future dredging activity to be performed under new or existing permit: NEW

Proposed location of disposal for future dredging: ??

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

WOULD BE GREAT TO HAVE A SITE!

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

General Information:

Marina: LIGHTKEEPERS MARINA

Address of Marina: 4605 LIGHTKEEPERS WAY, LITTLE RIVER, SC 29866

Waterway: @ COQUINA HARBOR

Phone Number: 843-249-5773 Fax: 843-249-7168

Contact Person: RON PETERSEN

Size of Basin (Acres/ No. of Slips): ACRES UNK / 125 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel NO Dry Stack Storage NO

Pump-out NO Restrooms YES

Other (explain) POOL, SHIPS STORE

Date Marina first opened, if known: 1989

Dredging Information:

Date of most recent maintenance dredging activity: 1ST DREDGE PLANNED IN 2005

Quantity of Material dredged and method: PLAN-FLOATING DREDGE/EST 18,000 CU YDS

Date permit issued for recent dredging, if known: AWAITING

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
HORRY COUNTY DIS-POIL BASIN - ACROSS INTRACASTAL @ COQUINA HARBOR

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
SAND + SILTS

If so, what size and capacity: N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 5 YEARS

Is future dredging activity to be performed under new or existing permit: UNK

Proposed location of disposal for future dredging: HORRY COUNTY SPOIL BASIN

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:  
WORKING OUR WAY THROUGH THE PERMIT PROCESS;  
CORPS OF ENGINEERS COMMUNICATION IS ESPECIALLY

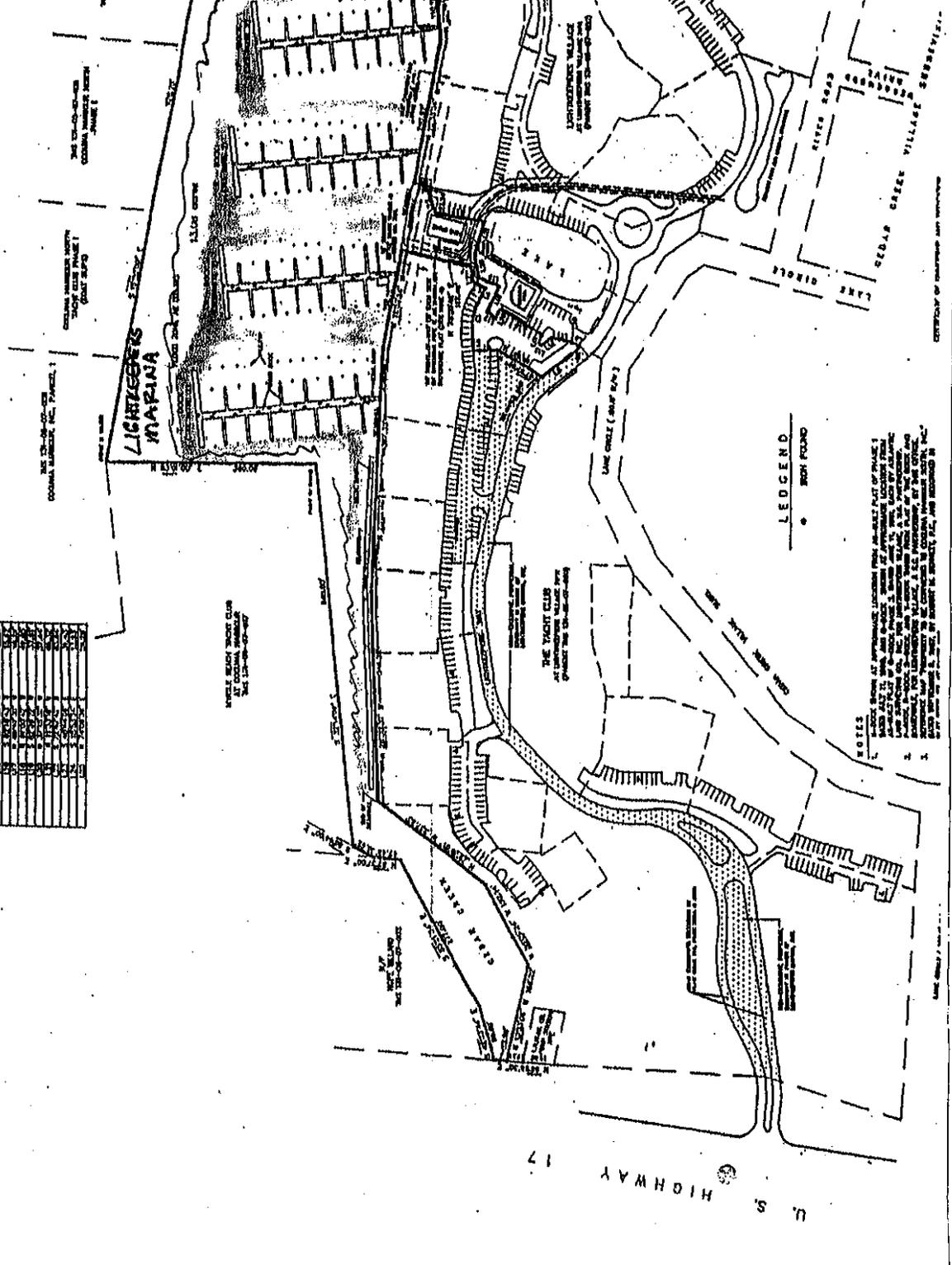
\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

DIFFICULT.





1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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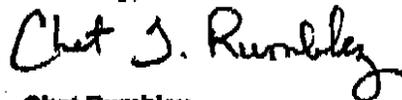
**Date:** January 14, 2005  
**TO:** Jim Drucker  
**From:** Litchfield Plantation Marina  
**Company Name:** Thomas & Hutton Engineering Group Co.  
**City / State:** Mount Pleasant, South Carolina  
**Total Pages:** 4 pages

Dear Jim Ducker,

Thank you for spending the time this morning discussing very important issues in the needs of marina dredging projects and DHEC response time on mandated dredging governing laws. I do appreciate everyone's help in this matter. In fact all marinas support any new changes for the better, in the mandating of laws regarding dredging. Please accept my form "Marina Dredging and Disposal Needs Assessment Survey". I hope in some way the dredging laws will be viewed by DHEC in a more detailed way for concern of making the life of marinas more enjoyable through these up bringing in dredging laws.

If I can be of more help please let me know. You can contact me at the marina office  
Mon - Fri 8:00am - 5:00pm.

Sincerely,



Chet Rumbley  
Harbor Master



Post Office Box 290, Kings River Road, Pawleys Island, South Carolina 29585  
Telephone (843) 237-5300 Ext. 444 Fax (843) ~~237-5300~~ 235-0807  
Web: [www.litchfieldplantation.com](http://www.litchfieldplantation.com) Email: [TheMarina@LitchfieldPlantation.com](mailto:TheMarina@LitchfieldPlantation.com)

**General information:**

**Marina:** Litchfield Plantation Marina

**Address of Marina:** PO Box 290 Kings River Road Pawleys Island SC 29585

**Waterway:** Between Marker's 77, 78-Down Waverly Creek, Litchfield Creek

**Phone Number:** 843-237-5300 x444 **Fax:** 843-235-0807

**Contact Person:** Harbor Master - Chet Rumbley

**Size of Basin (Acres/ No. of Slips):** 1 acre / 68 Wet Slips

**Type of Facilities/Amenities (Yes/No)**

**Fuel** No **Dry Stack Storage** No

**Pump-out** Yes **Restrooms** Yes

**Other (explain)** \_\_\_\_\_

**Date Marina first opened, if known:** May 13, 2003

**Dredging information:**

**Date of most recent maintenance dredging activity:** October 2002

**Quantity of Material dredged and method:** Unknown/Unknown

**Date permit issued for recent dredging, if known:** Unknown

**Method and location of disposal used, i.e. ocean dump, upland disposal, etc:**

Material pumped to upland disposal sight

**Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.**

Silt material dredged, "fluff mud"

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: Unknown

Is future dredging activity to be performed under new or existing permit: NEW PERMIT

Proposed location of disposal for future dredging: Same disposal site

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

See Attachment

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

after all the data has been appropriately applied. Each marina suffers considerable profit loss mostly due to the slowness in DHEC response time to dredge permit applications. But even if a marina meets the guidelines set by DHEC, the Engineers create new demands that seem to carry on with no end in site. Marina dredge applications need to have DHEC Engineer response time made in a quicker time frame and set the standards completely on the table from the beginning at the application process and not create new walls for marinas to overcome and never seem to materialize. This basically cost marinas unneeded amounts of money in research data from outside Engineering firms. A new formal state wide governing plan needs to be decided upon in all areas of dredging and spoil site removal and governed in South Carolina. This will implement great protective measures for marshes, watersheds and estuaries at the same time allow dredge programs that continue to produce a strong marina/boater tax base that tax payers rely upon year after year, which also causes the great sport of boating/fishing with the marina atmosphere for the future.



*Post Office Box 290, Kings River Road, Pawleys Island, South Carolina 29585  
Telephone (843) 237-5300 Ext. 444 Fax (843) 237-1688  
Web: [www.litchfieldplantation.com](http://www.litchfieldplantation.com) Email: [TheMarina@LitchfieldPlantation.com](mailto:TheMarina@LitchfieldPlantation.com)*

**General Information:**

Marina: MARINEER'S CAY MARINA

Address of Marina: 3A MARINEER'S CAY DR. (P.O. Box 1229)

Waterway: Folly RIVER

Phone Number: 588-2091 Fax: 588-9040

Contact Person: GREGG SMITH

Size of Basin (Acres/ No. of Slips): 86 slips

**Type of Facilities/Amenities (Yes/No)**

Fuel: ✓ Dry Stack Storage \_\_\_\_\_

Pump-out \_\_\_\_\_ Restrooms ✓

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: 1985 +/- (Really not sure)

**Dredging Information:**

Date of most recent maintenance dredging activity: NONE

Quantity of Material dredged and method: - N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc. N/A

Page 2

*We are going to need some major dredging in the next couple of years -*

if so, what size and capacity. \_\_\_\_\_  
Next anticipated dredging event for marina and quantity and/or expected frequency  
of dredging: \_\_\_\_\_

Is future dredging activity to be performed under new or existing permit: Couple years

Proposed location of disposal for future dredging: UNKNOWN AT THIS TIME

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

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\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings  
would be very helpful.

Marina: Myrtle Beach Yacht Club

Address of Marina: 714 Hwy 17 North Little River SC

Waterway: \_\_\_\_\_

Phone Number: (843) 249-5376 Fax (843) 280-9997

Contact Person: \_\_\_\_\_

Size of Basin (Acres/ No. of Slips): 153 Slips

Type of Facilities/Amenities (Yes/No)

Fuel  \_\_\_\_\_ Dry Stack Storage \_\_\_\_\_

Pump-out  \_\_\_\_\_ Restrooms  \_\_\_\_\_

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: 1981

**Dredging Information:**

Date of most recent maintenance dredging activity: None

Quantity of Material dredged and method: \_\_\_\_\_

Date permit issued for recent dredging, if known: \_\_\_\_\_

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: \_\_\_\_\_

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc. \_\_\_\_\_

of dredging: In 2005

Is future dredging activity to be performed under new or existing permit: New

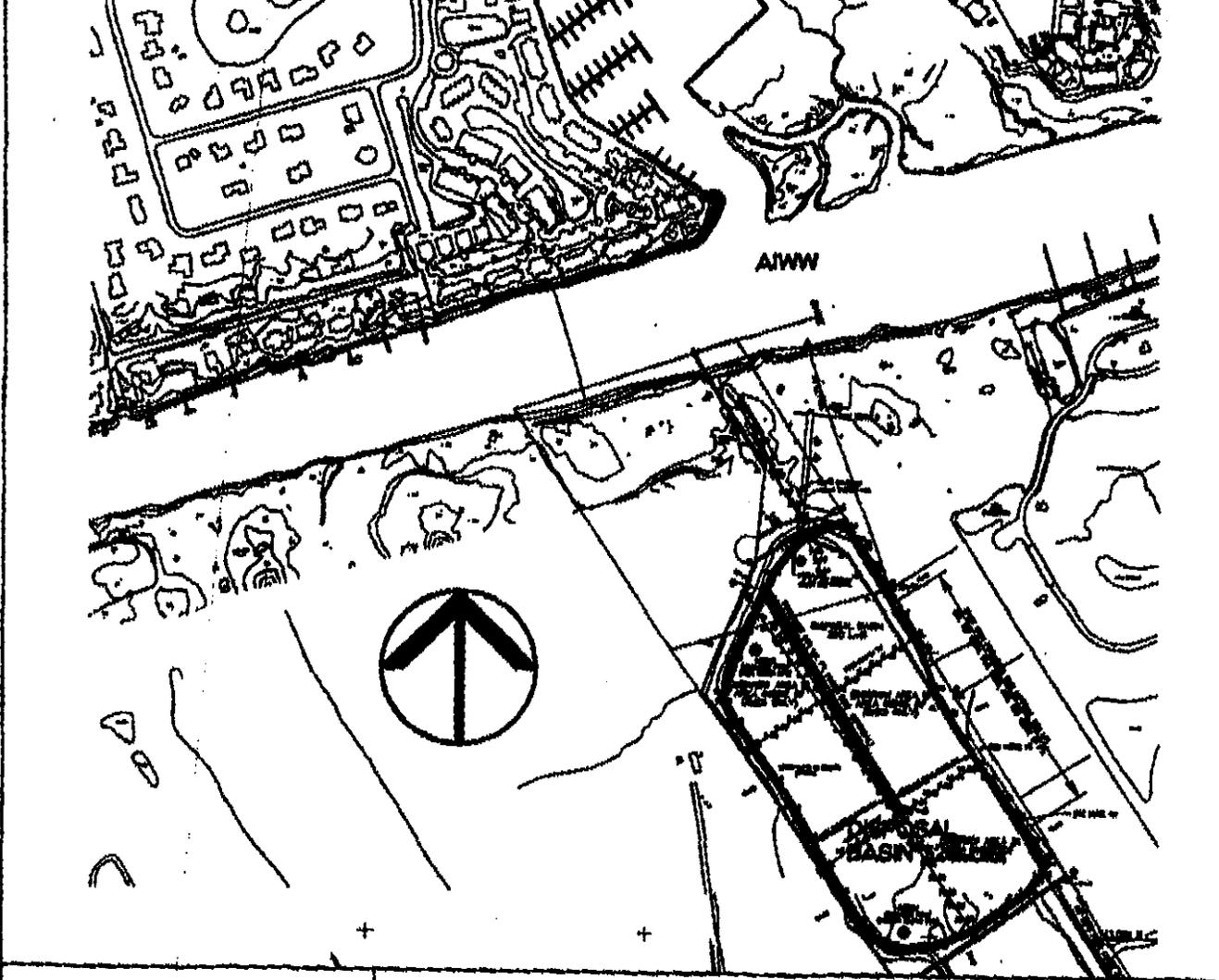
Proposed location of disposal for future dredging: Disposal Site 306-D

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

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\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

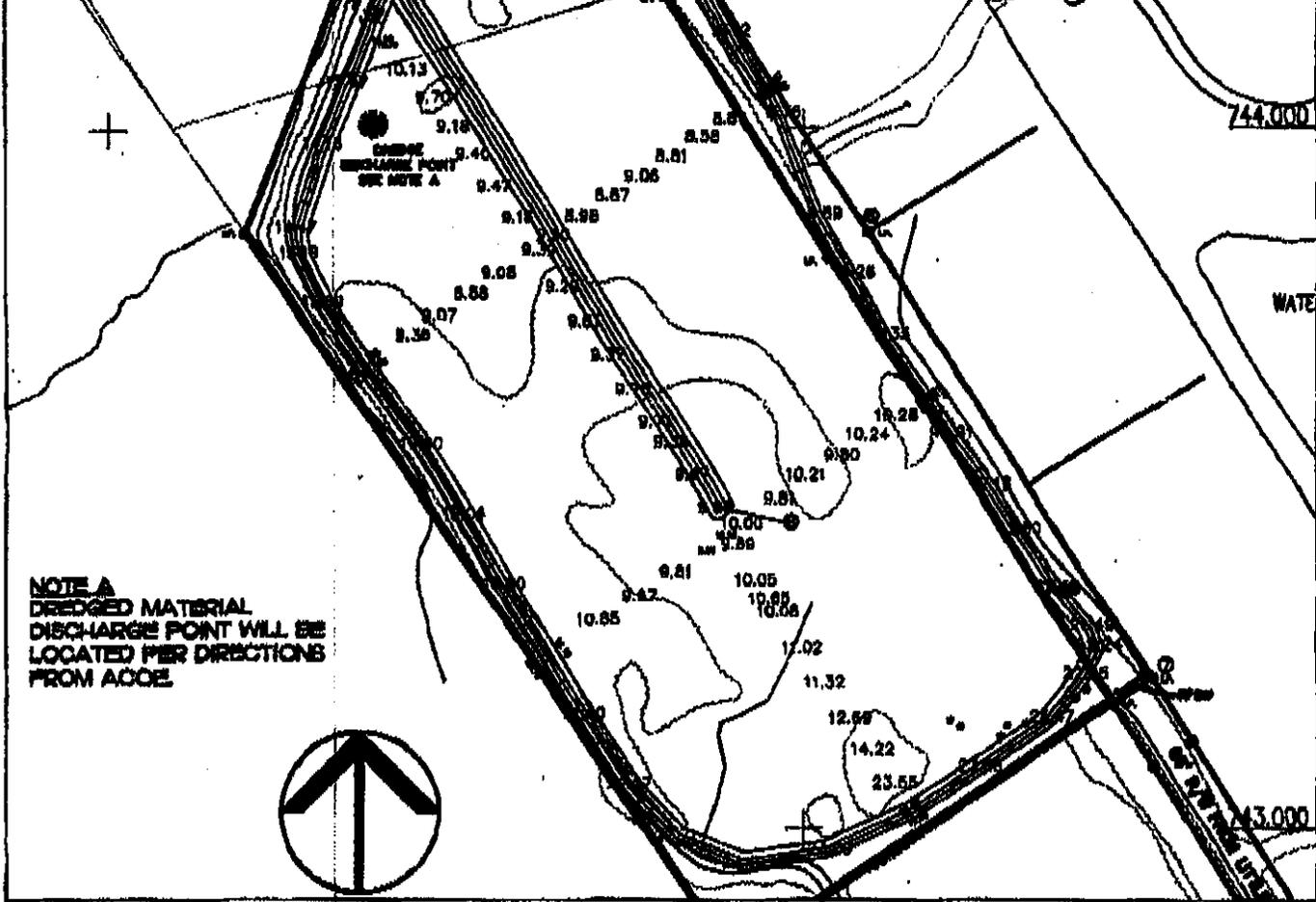


COQUINA HARBOR  
 LITTLE RIVER  
 HORRY COUNTY

HARBOR AND DISPOSAL  
 BASIN PROXIMITY

PROPOSED MAINTENANCE  
 DREDGING IN COQUINA  
 HARBOR  
 COUNTY OF HORRY  
 STATE OF SOUTH CAROLINA  
 DATE 2/5/04  
 SCALE 1 IN. = 600 FT.

SHEET 37 OF 38  
 ZANDER-JON BERRY T/  
 COQUINA-PI



**NOTE A**  
 DREDGED MATERIAL  
 DISCHARGE POINT WILL BE  
 LOCATED PER DIRECTIONS  
 FROM ACOE.



**COQUINA HARBOR  
 LITTLE RIVER  
 HORRY COUNTY**

**DISPOSAL BASIN  
 320 L-B**

**PROPOSED MAINTENANCE  
 DREDGING IN COQUINA  
 HARBOR**

**COUNTY OF HORRY  
 STATE OF SOUTH CAROLINA  
 DATE 2/5/04  
 SCALE 1 IN. = 3000 FT.**

**SHEET 36 OF 36**

**ZANDS-JON GIBBY TAYLOR PE  
 COQUINA-PERMIT.DWG**

Marina: N/AB MARINA & BOATWORKS, INC (BA-SILVER COAST MARINA)

Address of Marina: 4430 KINGS POINT RD., L. RIVER, SC 29566

Waterway: KW L.R.

Phone Number: 843-249-1000 Fax: 843-249-8468

Contact Person: KATHLEEN BARTUS

Size of Basin (Acres/ No. of Slips): 5 DEDICATED, APPROX 150' FLOATING  
PARA. TO WW.

Type of Facilities/Amenities (Yes/No)

Fuel Y Dry Stack Storage Y

Pump-out Y Restrooms Y

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: APPROX 1970

Dredging Information:

Date of most recent maintenance dredging activity: N/A

Quantity of Material dredged and method: N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: N/A

Is future dredging activity to be performed under new or existing permit: N/A

Proposed location of disposal for future dredging: N/A

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

MARINA IS DIRECT TIDAL FRONTED. DEPTH IS NATURAL  
& HAS REMAINED SO FOR MANY YEARS.

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: Osprey Marina

Address of Marina: 8400 Osprey Rd.

Waterway: Mile Marker 373

Phone Number: 843-215-5353 Fax: 843-215-5354

Contact Person: Carson Benton

Size of Basin (Acres/ No. of Slips): 96 wet slips

**Type of Facilities/Amenities (Yes/No)**

Fuel yes Dry Stack Storage yes

Pump-out yes Restrooms yes

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: Feb - 1997

**Dredging Information:**

Date of most recent maintenance dredging activity: None

Quantity of Material dredged and method: None

Date permit issued for recent dredging, if known: None

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
None

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
None

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: no current problems.

Is future dredging activity to be performed under new or existing permit: new

Proposed location of disposal for future dredging: spoil site

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

None.

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: Palmetto Bay Marina

Address of Marina: 86 Helmsman way. HILLOWHEAD 29. S.C. 29928

Waterway: BROAD CREEK

Phone Number: 843-785-3910 Fax: 843-686-3061

Contact Person: Chris Wimmer

Size of Basin (Acres/ No. of Slips): 140 Slips

**Type of Facilities/Amenities (Yes/No)**

Fuel  Dry Stack Storage

Pump-out  Restrooms

Other (explain) BOAT YARD - TRAVEL LIFT

Date Marina first opened, if known: NOV. 1959

**Dredging Information:**

Date of most recent maintenance dredging activity: 12-1-00

Quantity of Material dredged and method: 1,700 Cu. YDS.

Date permit issued for recent dredging, if known: 9-25-00

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
LAND BASED EXCAVATION - UPLAND DISPOSAL ON MARINA PROPERTY

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
SILTS

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: Before 2010

Is future dredging activity to be performed under new or existing permit: EXISTING

Proposed location of disposal for future dredging: ?

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

ACCESS TO AN UPLAND DISPOSAL FACILITY THAT OUR SMALL AMOUNT OF SPOILS COULD BE TRUCKED TO.

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

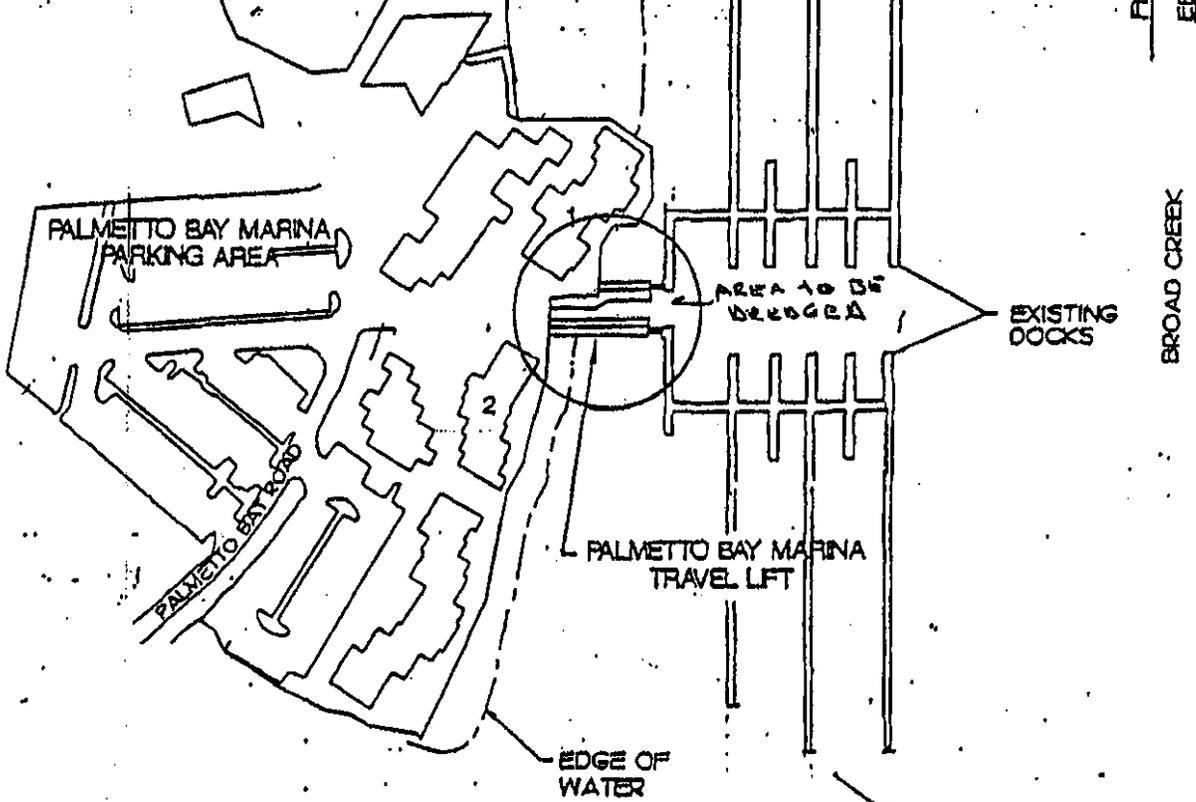
AS YOU SEE IN THE ENCLOSED DRAWING OUR DREDGE NEEDS ARE MINIMAL, BUT IMPORTANT TO OUR BOAT YARD OPERATION.

OUR DREDGING IS LIMITED TO OUR LIFT WELL AREA ONLY.

PLEASE DO NOT HESITATE TO CALL IF I MAY BE OF FURTHER ASSISTANCE.

Sincerely,  
Chris Winner  
Boatmaster

12-8-04



**SEE SPECIAL  
CONDITION(S)**

SCALE 1" = 200'

Adjacent Property  
owners

- 1- Palmetto Bay Club
- 2- Dockmaster Count

SITE PLAN

Dock Layout

PALMETTO BAY MARINA  
HILTON HEAD, SC. 29936

Proposed:  
MAINTENANCE  
DRAGGING -  
HILTON HEAD IS  
ON BROAD CREEK  
BEAUFORT COUNTY  
SOUTH CAROLINA.

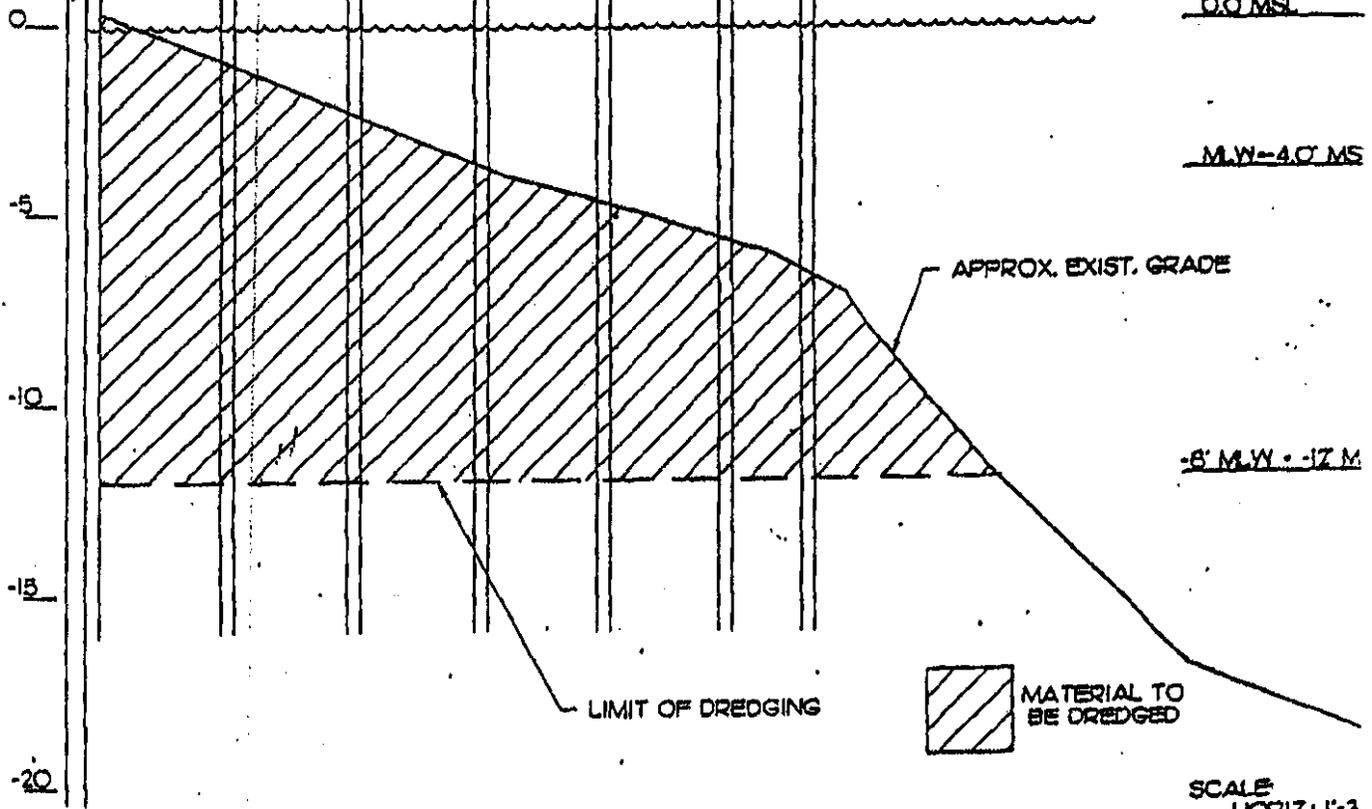
Sh. 2 of 7  
4-5-00

50911

0.0 MSL

M.W. - 4.0 MS

-8' M.W. - 17 M



SCALE  
HORIZ: 1"=3'  
VERT: 1"=5'

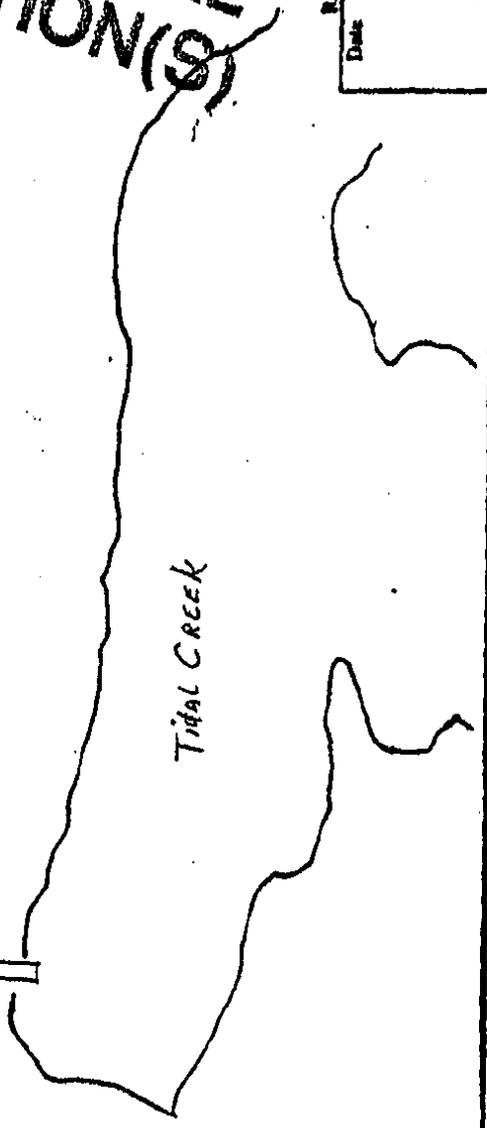
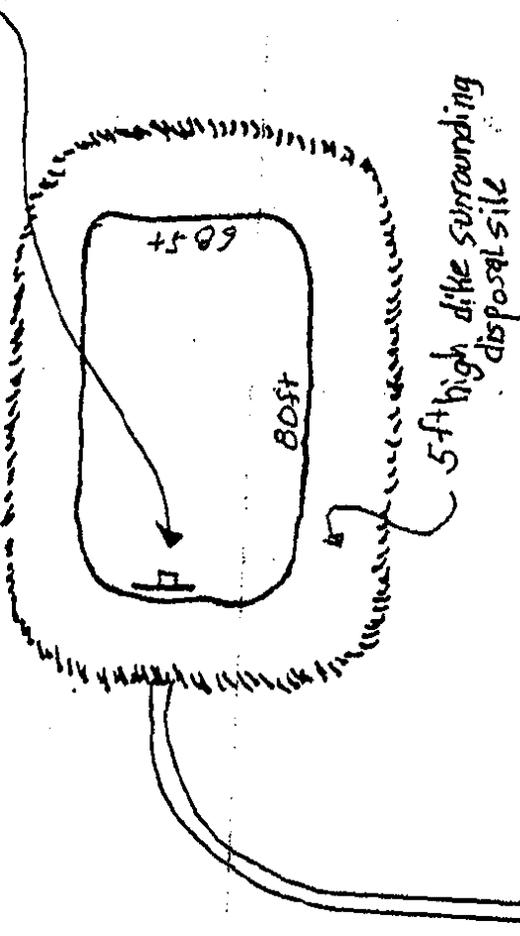
<p>PURPOSE: UPGRADE OF AN EXISTING MARINA FACILITY</p> <p>ADJACENT PROPERTIES:</p> <ul style="list-style-type: none"> <li>① PALMETTO BAY CLUB</li> <li>② DOCKMAST CONDOMINIUMS</li> </ul>	<p>CROSS SECTION</p> <p>PALMETTO BAY MARINA HILTON HEAD, S.C. 29936</p>	<p>PROPOSED MAINTENANCE DREDG</p> <p>IN: HILTON HEAD ISLAND ON: BROAD CREEK COUNTY OF BEAUFORT STATE: SOUTH CAROLINA</p> <p><i>Sh. 4 of 7</i> <i>4-5-00</i></p>
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*... 6. of 11*

**SEE SPECIAL  
CONDITION(S)**

Revisions	Date	Initials

Water control structure:  
8 pipe, flow controlled by 6" spillway boards

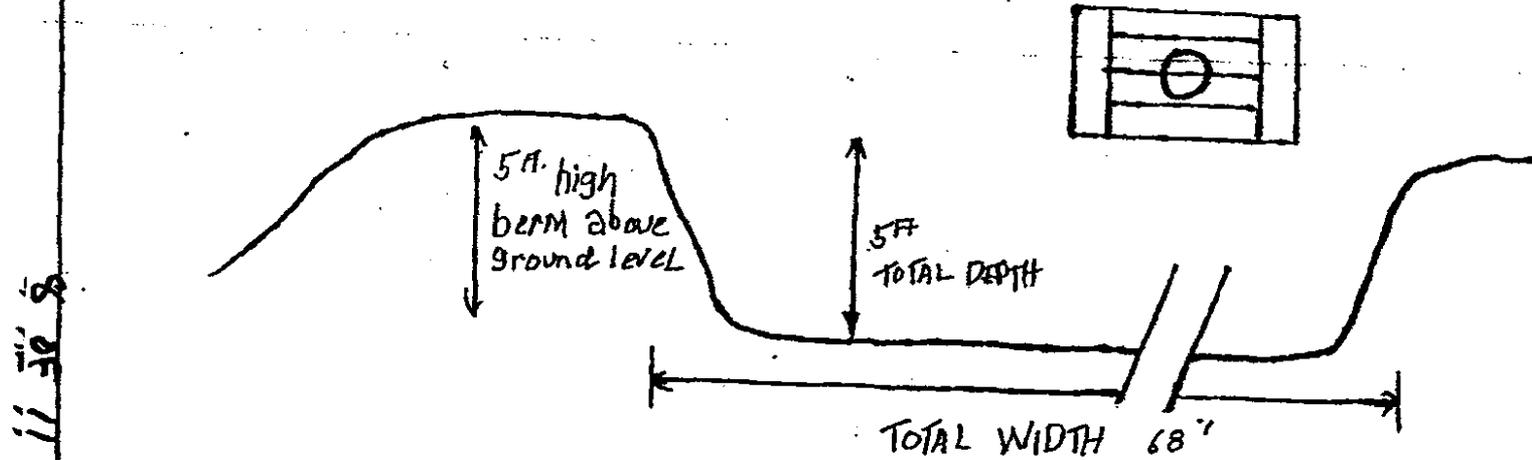


7 OF 11  
4 OF 11

Cross Section of disposal Site:

5 ft high dike surrounding disposal site measuring 80 ft long x 68 ft wide with total depth of 5 ft.

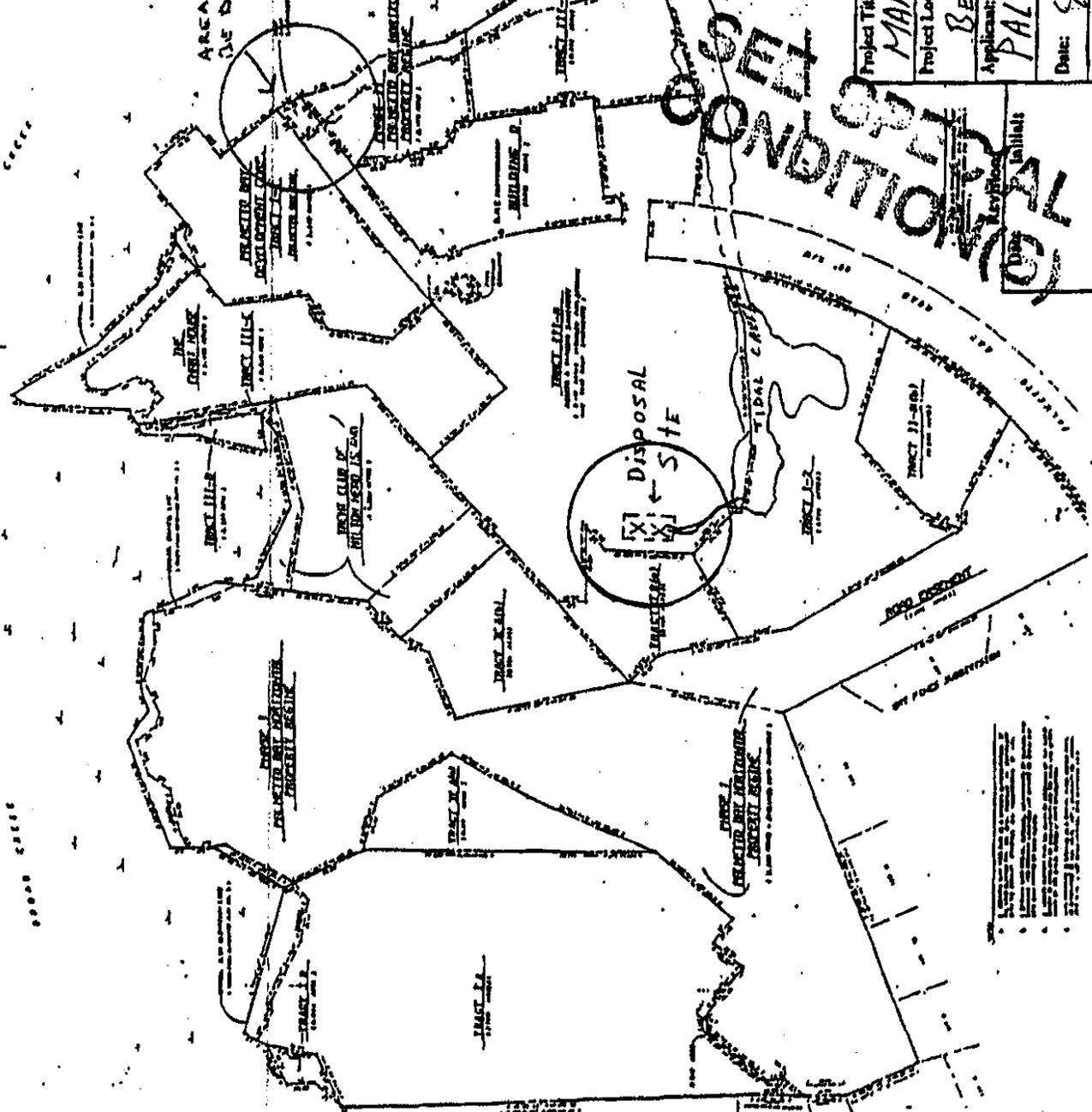
Water Control Structure  
8" pipe : water controlled by Boards



SEE SPECIAL CONDITIONS

Project Title	
MAIN	
Project Location	
B...	
Applicant:	
PAL	
Date:	
4	
Application	
Revisions	
Date	Initials

COASTAL CONDITIONAL USE PERMIT



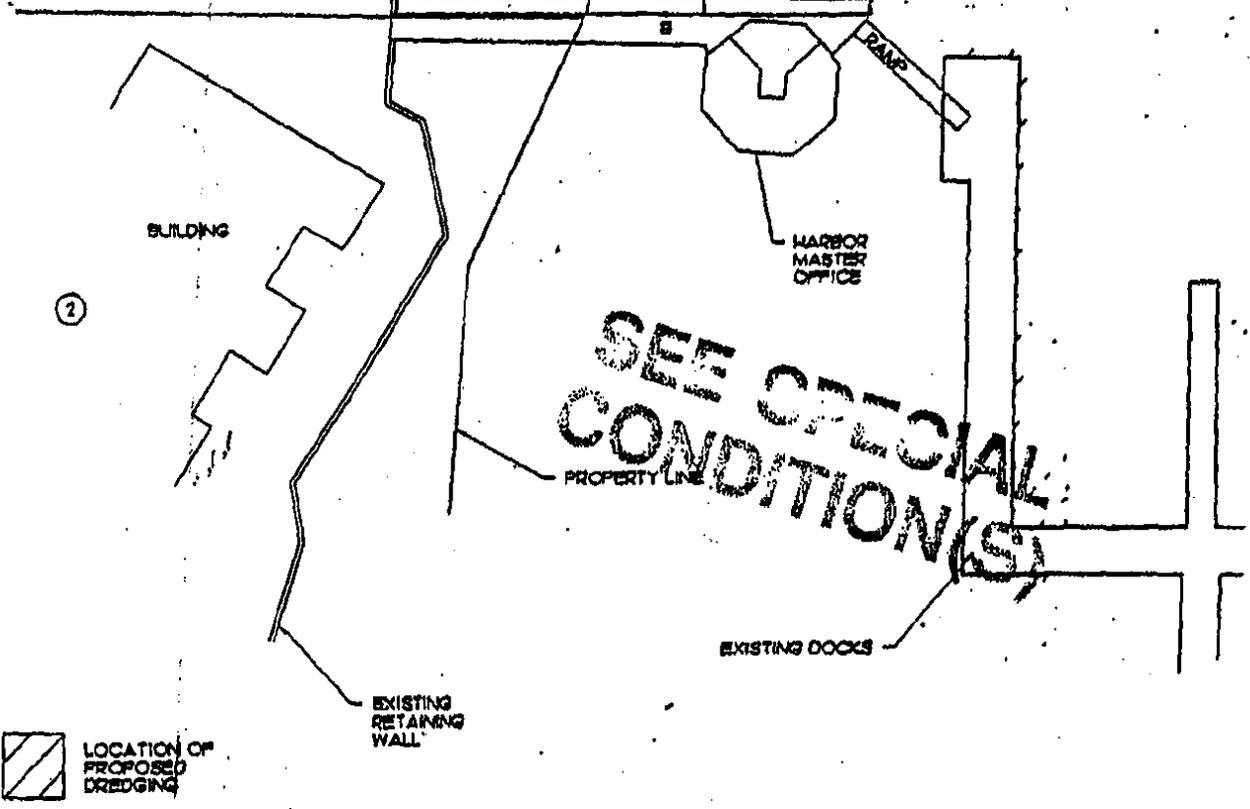
ALL DISTANCES SHOWN ON THIS PLAN ARE APPROXIMATE AND SUBJECT TO SURVEY. THE BOUNDARIES AND AREAS SHOWN ARE BASED ON THE RECORD PLANS AND SURVEY DATA ON FILE AT THE OFFICE OF THE COUNTY ENGINEER. THE APPLICANT IS RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED.

THE APPLICANT HAS BEEN ADVISED THAT THIS PERMIT IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. The applicant shall maintain accurate records of all activities conducted at the disposal site.
2. The applicant shall ensure that all activities comply with applicable state and federal regulations.
3. The applicant shall provide regular reports to the permitting authority.
4. The applicant shall ensure that the disposal site is properly maintained and free of debris.
5. The applicant shall ensure that the disposal site is properly fenced and secured.
6. The applicant shall ensure that the disposal site is properly monitored for leaks and spills.
7. The applicant shall ensure that the disposal site is properly cleaned up and restored after use.
8. The applicant shall ensure that the disposal site is properly closed and sealed.
9. The applicant shall ensure that the disposal site is properly decommissioned.
10. The applicant shall ensure that the disposal site is properly monitored for long-term impacts.

EXISTING CONC. APRON

DREDGED

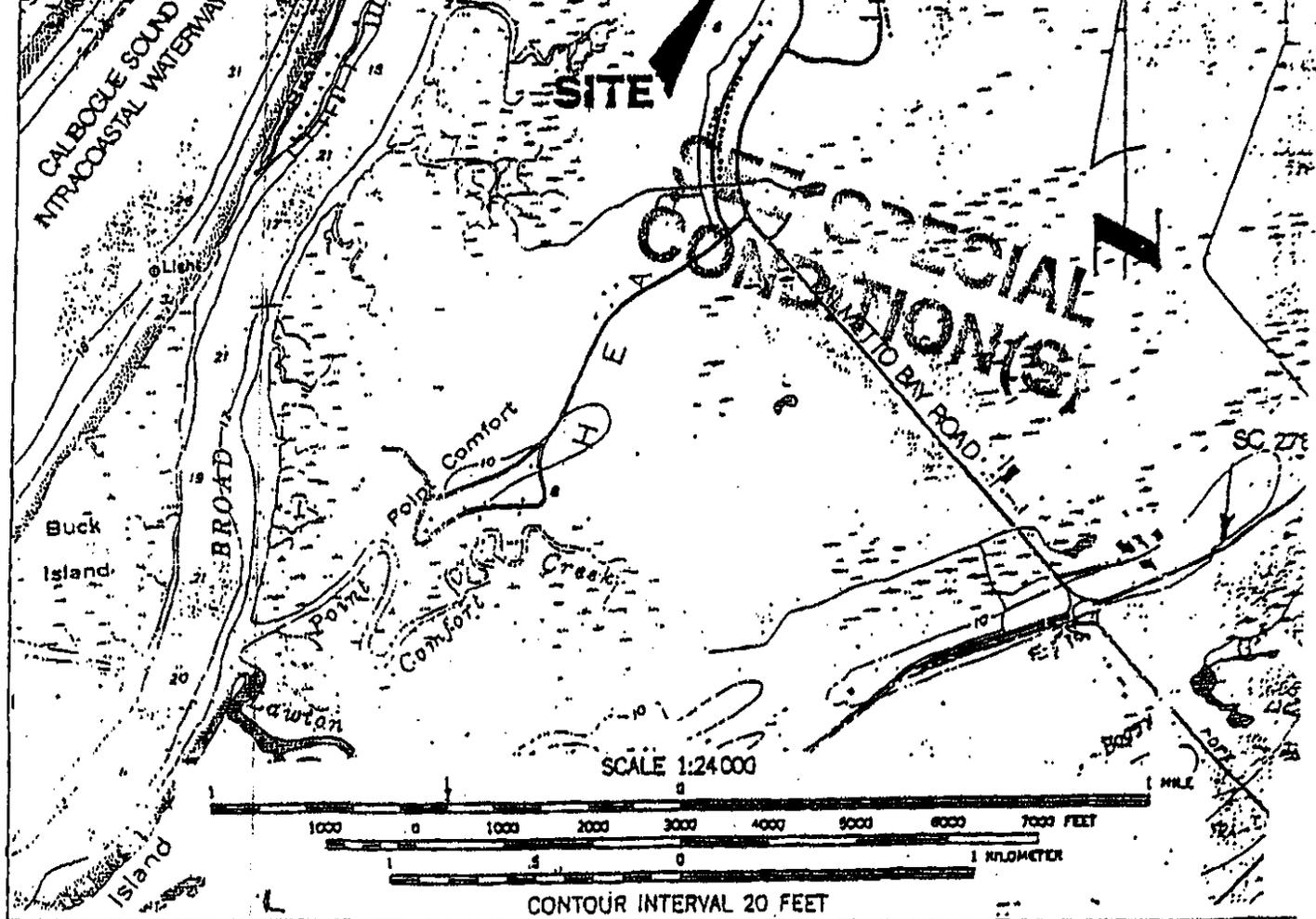


SEE SPECIAL  
CONDITION(S)

SCALE

<p>PURPOSE: UPGRADE OF AN EXISTING MARINA FACILITY</p> <p>ADJACENT PROPERTY OWNERS:</p> <p>① PALMETTO BAY CLUB</p> <p>② DOCKMAST CONDOMINIUMS</p>	<p>TRAVEL LIFT / DREDGING PLAN VIEW</p> <p>PALMETTO BAY MARINA HILTON HEAD, S.C. 29936</p>	<p>PROPOSED MAINTENANCE DREDG</p> <p>IN: HILTON HEAD ISLAND ON: BROAD CREEK COUNTY OF: BEAUFORT STATE: SOUTH CAROLINA</p> <p><i>Sh. 3 of 7</i> <i>4-5-00</i></p>
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10 OF 11  
11 OF 11



VICINITY MAP  
 BLUFFTON, SC QUADRANGLE  
 PALMETTO BAY MARINA  
 HILTON HEAD, S.C. 29936

Proposed:  
 MAINTENANCE  
 DREDGING -  
 Hilton Head Is.,  
 ON - Broad Canal  
 Beaufort County  
 South Carolina  
 4-5-00

Sh. 1 of 7

11 OF 11

**General Information:**

Marina: Port Royal Landing Marina, Inc.

Address of Marina: 1 Landing Drive Port Royal, S.C. 29935

Waterway: Beaufort River / I.C.W

Phone Number: 843-525-6664 Fax: 843-525-9166

Contact Person: Tom Wilson

Size of Basin (Acres/ No. of Slips): 130 slips +/- / 8 acres +/-

**Type of Facilities/Amenities (Yes/No)**

Fuel yes Dry Stack Storage No

Pump-out yes Restrooms yes

Other (explain) upland shipstore + restaurant

Date Marina first opened, if known: 1987 +/- (?)

**Dredging Information:**

Date of most recent maintenance dredging activity: None

Quantity of Material dredged and method: "

Date permit issued for recent dredging, if known: "

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: "

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc. "

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 1 year +/-

Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: unknown

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

We would like to have access to a disposal site

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

in anticipation of future needs.

- We would like to have compilation ~~of~~ or conclusions of this survey.

Tom Wilson

General Information:

Marina: Ripley Light Marina  
 Address of Marina: 56 Ashley Pointe Drive  
 Waterway: Off Ashley Marina (Ripley Basin)  
 Phone Number: 843-761-2100 Fax: 843-762-6128  
 Contact Person: Bruce Wallace  
 Size of Basin (Acres/ No. of Slips): 1800' x 100' +/-

Type of Facilities/Amenities (Yes/No)

Fuel Yes Dry Stack Storage Yes  
 Pump-out Yes Restrooms Yes  
 Other (explain) \_\_\_\_\_

Date Marina first opened, if known: 1988

Dredging Information:

Date of most recent maintenance dredging activity: Spring 2004  
 Quantity of Material dredged and method: 37,000 CY  
 Date permit issued for recent dredging, if known: 2002?  
 Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
Citrusville Spoil Basin  
 Type of material dredged, i.e., beach quality sand, contaminated, silts, etc. Silts



**General Information:**

Marina: Rockville Marine  
Address of Marina: 2412 Marina Rd, Wadmalaw Island 29497  
Waterway: Adams Creek  
Phone Number: 559-1124 Fax: 559-0095  
Contact Person: Anthony Black  
Size of Basin (Acres/ No. of Slips): 14 slips

**Type of Facilities/Amenities (Yes/No)**

Fuel N Dry Stack Storage N  
Pump-out N Restrooms N  
Other (explain) Boatyard - work slips only.

Date Marina first opened, if known: ?

**Dredging Information:**

Date of most recent maintenance dredging activity: none

Quantity of Material dredged and method: 0

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
N/A

if so, what size and capacity. N/A.  
Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: none planned

Is future dredging activity to be performed under new or existing permit: N/A.

Proposed location of disposal for future dredging: N/A.

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:  
\_\_\_\_\_  
\_\_\_\_\_

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: ROSS MARINE

Address of Marina: 2676 SWYBERT RIVD

Waterway: STONE RIVER - AICW - MILE MARKER 476

Phone Number: 843-559-0379 Fax: 843-559-3172

Contact Person: PAUL Sprights SR

Size of Basin (Acres/ No. of Slips): 1986 40 Slips

**Type of Facilities/Amenities (Yes/No)**

Fuel YES Dry Stack Storage NO

Pump-out NO Restrooms YES

Other (explain) WE ARE IN THE PROCESS TO BUILDING A DAY STACK

Date Marina first opened, if known: 1986

**Dredging Information:**

Date of most recent maintenance dredging activity: NA

Quantity of Material dredged and method: NA

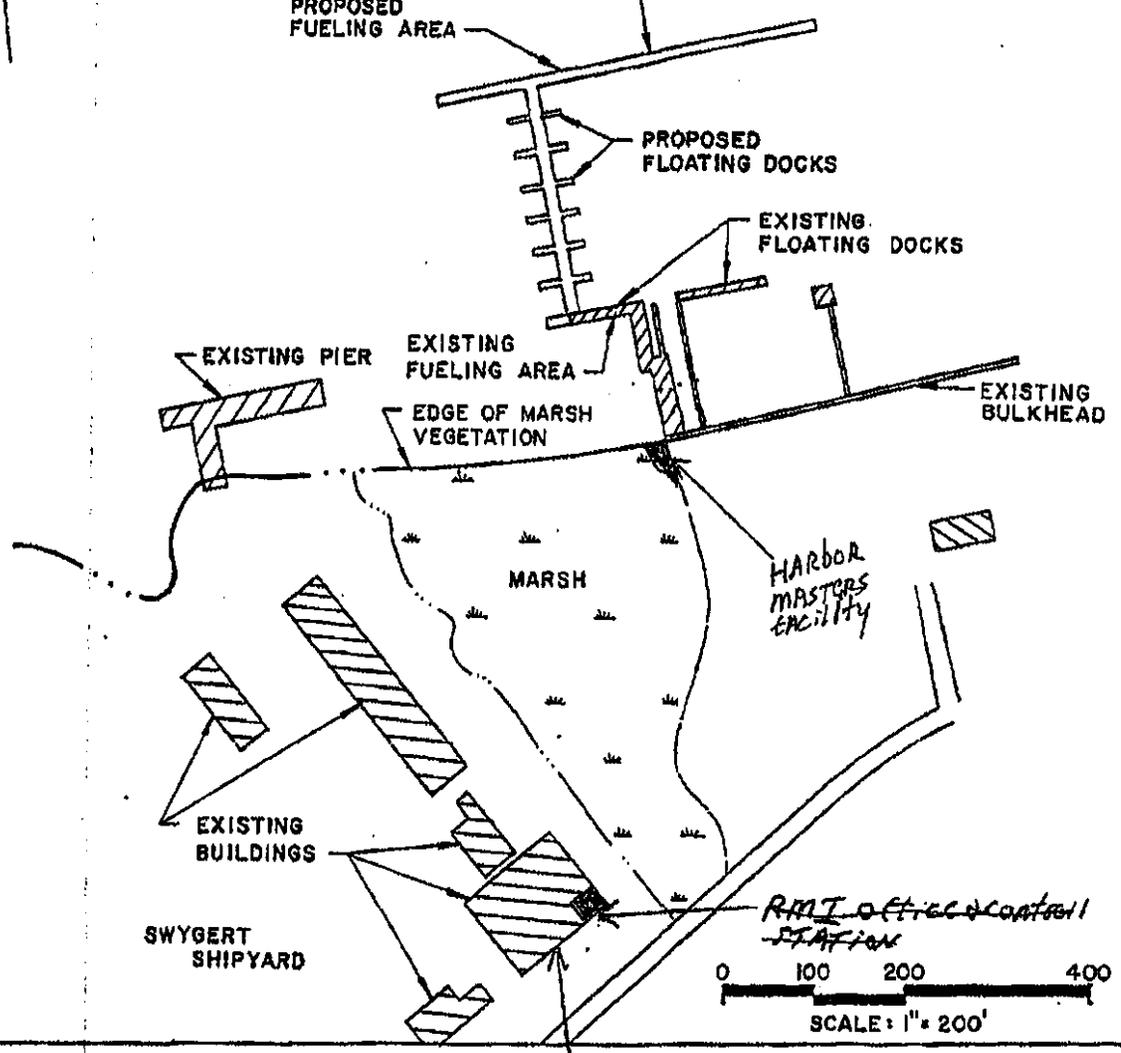
Date permit issued for recent dredging, if known: NA

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
N/A



STA. 384 + 83.66  
2,286,609.30 E  
342,494.07 N



### SITE DEVELOPMENT

DATUM: MEAN LOW WATER

*Safety Edge Location*

**PROPOSED ACTIVITY:**  
MOORING DOCKS & BREAKWATER  
FOR EXISTING BOAT REPAIR FACILITY  
**COUNTY:**  
CHARLESTON  
**APPLICANT:**  
ROSS MARINE

REV. 10/10/90 - REMOVED 30% OF OVERALL FLOATING DOCK LENGTH

**General Information:**

Marina: Shem Creek Marina

Address of Marina: 526 mill ST.

Waterway: Shem Creek

Phone Number: 843-884-3211 Fax: 843-884-8104

Contact Person: Jeff JARRARD

Size of Basin (Acres/ No. of Slips): 200 dry / 25 wet

**Type of Facilities/Amenities (Yes/No)**

Fuel  Dry Stack Storage

Pump-out  Restrooms

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: \_\_\_\_\_

**Dredging Information:**

Date of most recent maintenance dredging activity: Unknown

Quantity of Material dredged and method: Unknown

Date permit issued for recent dredging, if known: Unknown

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
Unknown

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
Unknown

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: Unknown

Is future dredging activity to be performed under new or existing permit: New(?)

Proposed location of disposal for future dredging: Unknown

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

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\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: Skull Creek Marina  
Address of Marina: 1 Waterway Lane Hilton Head Island, SC 29926  
Waterway: Intracoastal Waterway, Skull Creek off Port Royal Str.  
Phone Number: 843-681-8434 Fax: 843-681-3946  
Contact Person: Ross Lysinger  
Size of Basin (Acres/ No. of Slips): 20.75 / 151

**Type of Facilities/Amenities (Yes/No)**

Fuel ✓ Dry Stack Storage \_\_\_\_\_  
Pump-out ✓ Restrooms ✓  
Other (explain) \_\_\_\_\_

Date Marina first opened, if known: 1978

**Dredging Information:**

Date of most recent maintenance dredging activity: None  
Quantity of Material dredged and method: N/A  
Date permit issued for recent dredging, if known: N/A  
Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
N/A  
Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
N/A

If so, what size and capacity: N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 2004-2007

Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: not determined

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

\_\_\_\_\_  
\_\_\_\_\_

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: South Beach Marina Harbormaster

Address of Marina: 232 South Sea Pines Dr, Hilton Head

Waterway: Braddock Creek

Phone Number: 843-671-6699 Fax: 843-785-3581

Contact Person: Alan Pollard

Size of Basin (Acres/ No. of Slips): 100 Slips

**Type of Facilities/Amenities (Yes/No)**

Fuel ✓ Dry Stack Storage \_\_\_\_\_

Pump-out \_\_\_\_\_ Restrooms ✓

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: 1974

**Dredging Information:**

Date of most recent maintenance dredging activity: 4/2003

Quantity of Material dredged and method: 90,000 cy

Date permit issued for recent dredging, if known: 5/2002

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
OCEAN DISPOSAL - PORT ROYAL OPMDS

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
marsh mud

n 50, what size and capacity.  
Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: UNKNOWN

Is future dredging activity to be performed under new or existing permit: UNKNOWN

Proposed location of disposal for future dredging: UNKNOWN

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

\* NO WETLAND AVAILABLE, OCEAN NOT PRACTICABLE  
MUST HAVE INSHORE 404 !

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: EASTPORT MARINA, F.K.A. SPINNAKER COVE MARINA

Address of Marina: 4600 EASTPORT BLVD., LITTLE RIVER, SC 29566

Waterway: SEE ATTACHED LOCATION MAP

Phone Number: 843-249-5773 Fax: 843-249-7168

Contact Person: RON PETERSEN

Size of Basin (Acres/ No. of Slips): 1.59 ACRES / 44 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel NO Dry Stack Storage NO

Pump-out YES Restrooms YES

Other (explain) PARKING LOT

Date Marina first opened, if known: JUNE 2001

**Dredging Information:**

Date of most recent maintenance dredging activity: SPRING 2001

Quantity of Material dredged and method: 8000 CU YDS, FLOATING DREDGE

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
.48 ACRE, ON-SITE UPLAND SPOIL SITE

Type of material dredged, i.e. beach quality sand, contaminated, silts, etc.  
MOSTLY SILTS + SAND



If so, what size and capacity: .48 ACRE, 8,000 CU YDS

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 2005

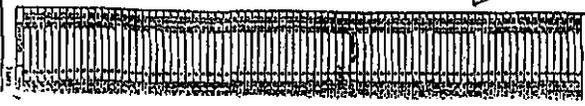
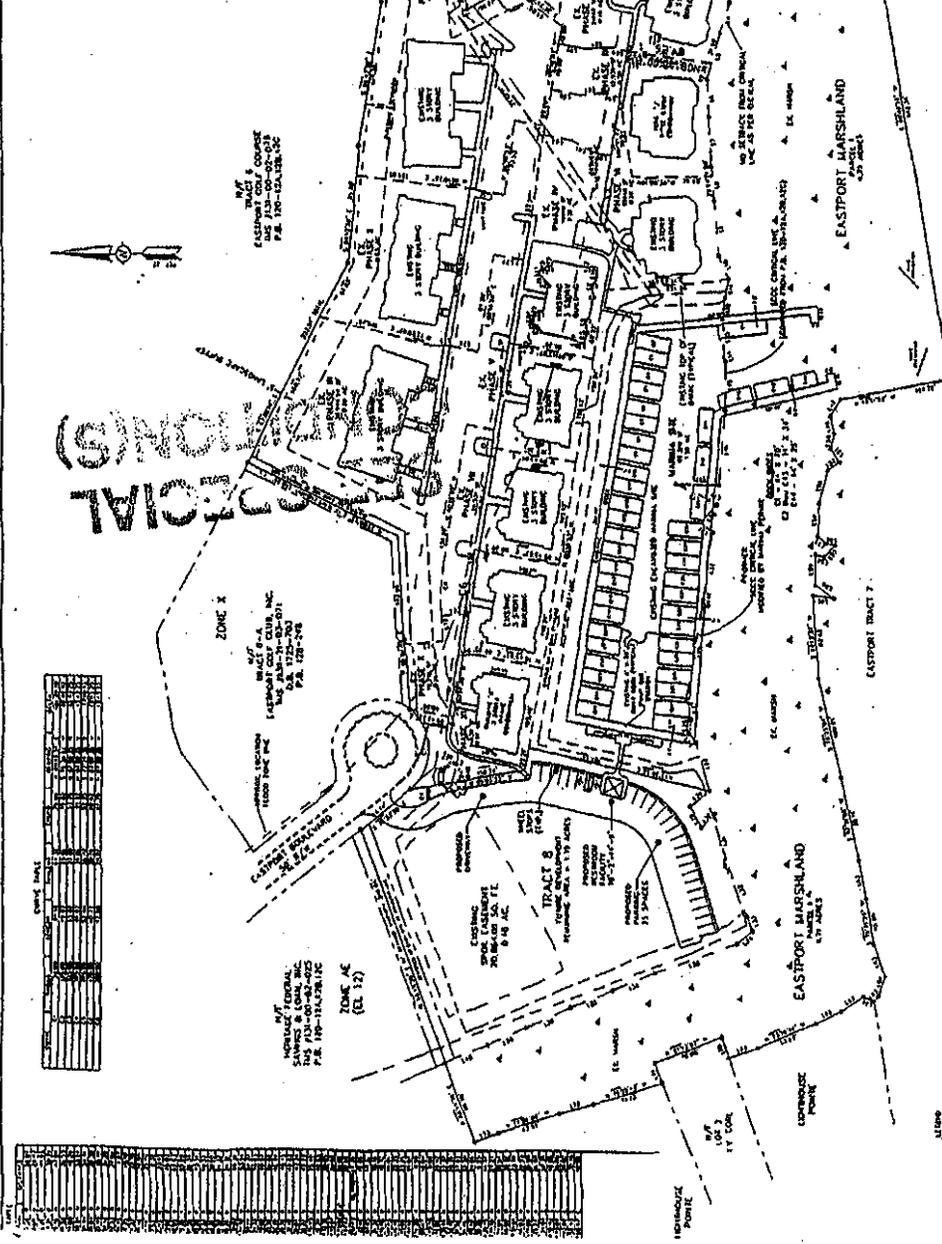
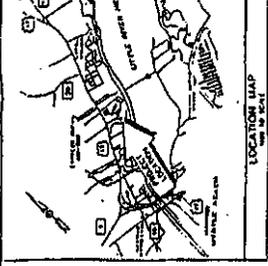
Is future dredging activity to be performed under new or existing permit: EXISTING?  
HORRY COUNTY SPOIL SITE (25 ACRES)

Proposed location of disposal for future dredging: ACROSS INTRACOASTAL FROM COQUINA HARBOR

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:  
ON-SITE SPOIL BASIN IS AN EYE SORE THAT DOES NOT ENHANCE THE COMMUNITY. WE HOPE WE ARE PERMITTED TO DISCONTINUE USE OF

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

THE ON-SITE SPOIL BASIN AND INSTEAD USE THE RECENTLY OPENED HORRY COUNTY SPOIL BASIN LESS THAN A MILE AWAY.



**PROPOSED**  
**CONCRETE**  
**DRIVEWAY**

**NOTES:**

- 1) SEE PROPOSED SITE PLAN FOR ALL EXISTENTS
- 2) SEE PROPOSED SITE PLAN FOR ALL EXISTENTS
- 3) SEE PROPOSED SITE PLAN FOR ALL EXISTENTS
- 4) SEE PROPOSED SITE PLAN FOR ALL EXISTENTS
- 5) SEE PROPOSED SITE PLAN FOR ALL EXISTENTS
- 6) SEE PROPOSED SITE PLAN FOR ALL EXISTENTS

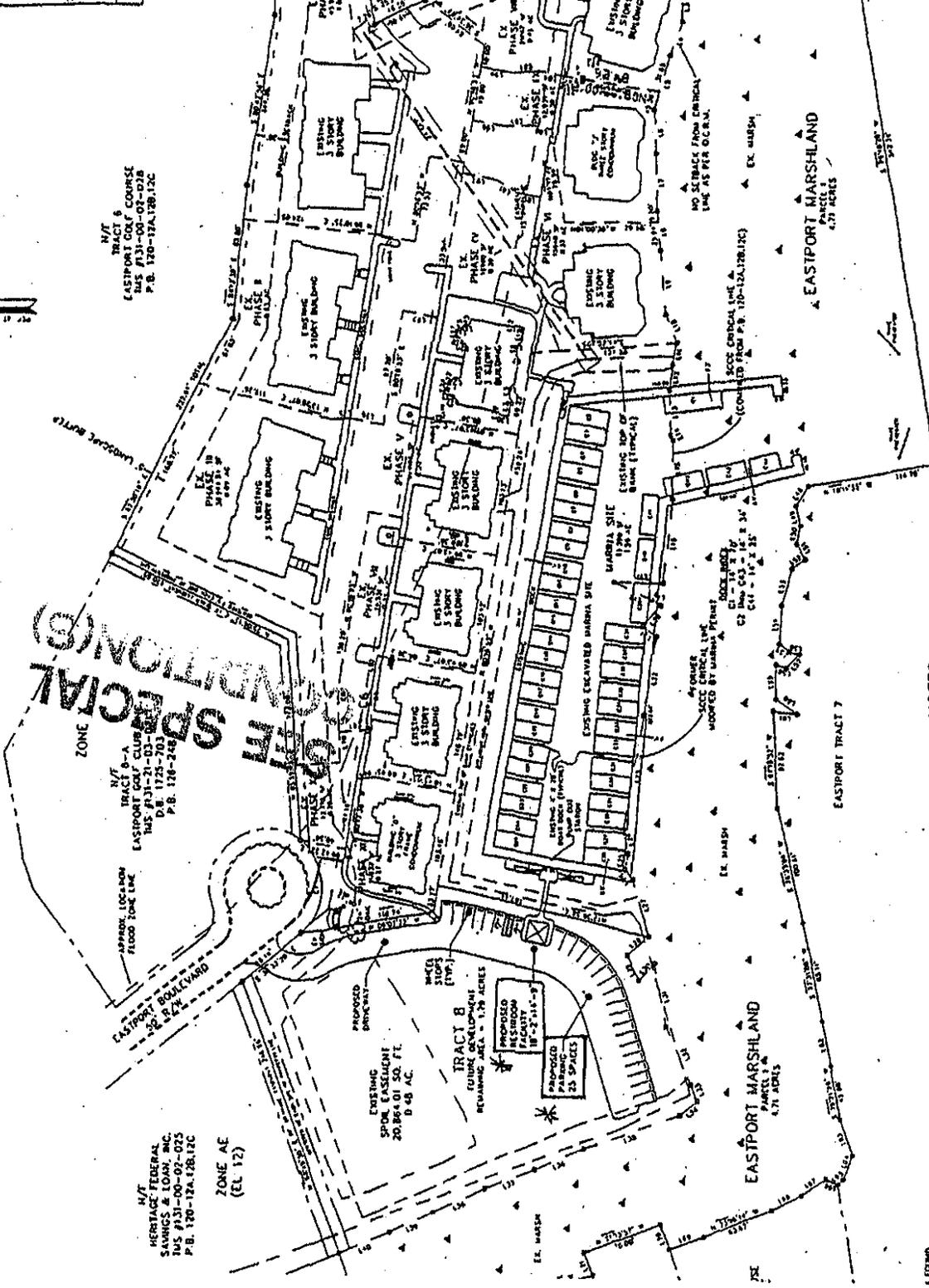
**REFERENCES:**

- 1) SEE PROPOSED SITE PLAN FOR ALL EXISTENTS

**LEGEND:**

- Point on SOCC COMPLEX PLAN





N/T  
 TRACT P  
 EASTPORT GOLF COURSE  
 TMS #131-00-02-02E  
 P.B. 120-12A.12B.12C

N/T  
 TRACT 8-A  
 EASTPORT GOLF CLUB  
 TMS #131-21-03-001  
 D.E. 1725-703  
 P.B. 116-248

N/T  
 HERITAGE FEDERAL  
 SAVINGS & LOAN INC  
 TMS #131-00-02-02S  
 P.B. 120-12A.12B.12C

ZONE AE  
 (EL. 17)

**SPECIAL ZONE**  
**CONDITIONS**

1 FOUND  
 2 SOCC CRITICAL LINE

**REFERENCES:**

- 1) SPRAWL CODE - EASTPORT PHASES BOUNDARY PLAN BY DR. FLORENCE G.C. DATED 7/7/75

**NOTES:**

- 1) THIS PROPERTY IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD
- 2) THIS PROPERTY IS A SUBDIVISION OF TRACT 7

MIRACOSTAL WATERWAY  
 (DIP 1/12)



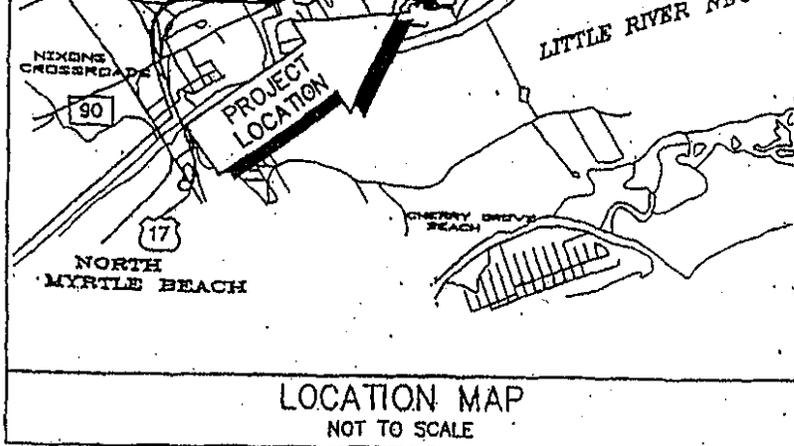
SEE SPEC  
CONDITION(S)

Project Title:	
Marina Expansion	
Project Location:	
Spinnaker Cove Marina	
Applicant:	
Mensa Productions	
Date:	Scale:
June 5, 2001	
Application # 2001-114322	Sheet 2 of 3

Revisions

Date Initials

7 of 8



LOCATION MAP  
NOT TO SCALE

**SEE SPECIAL  
CONDITION(S)**

Project Title:		Marina Expansion	
Project Location:		Spinnaker Cove Marina	
Applicant:		Mensa Productions	
Date:	June 5, 2001	Scale:	
Application # 2001-14-322		Sheet 1 of 3	

Revisions	
Date	Initials

8 AC 8

**General Information:**

Marina: The Boat Sled Marina

Address of Marina: 18 St James Street

Waterway: Sampit River

Phone Number: 843 - 546 - 4415 Fax: 843 - 546 - 5142

Contact Person: Tom Bellone

Size of Basin (Acres/ No. of Slips): 15 slips

**Type of Facilities/Amenities (Yes/No)**

Fuel Yes Dry Stack Storage Yes

Pump-out Yes Restrooms Yes

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: Forever

**Dredging Information:**

Date of most recent maintenance dredging activity: 2/28/2000?

Quantity of Material dredged and method: 4 truck loads

Date permit issued for recent dredging, if known: ?

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
upland disposal

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
silt

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: None

Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: None

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:  
\_\_\_\_\_  
\_\_\_\_\_

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

**General Information:**

Marina: Dock Holidays MARINA  
Address of Marina: 1525 13<sup>th</sup> Ave N. North Myrtle Beach  
Waterway: MM 348.2 1 mile south Little River Swing Bridge  
Phone Number: 843 280 6354 Fax: 843 280 9002  
Contact Person: MARC HARTMAN  
Size of Basin (Acres/ No. of Slips): 5.65 acres 96 slips

**Type of Facilities/Amenities (Yes/No)**

Fuel Yes Dry Stack Storage NO  
Pump-out Yes Restrooms Yes  
Other (explain) LAUNDRY

Date Marina first opened, if known: \_\_\_\_\_

**Dredging Information:**

Date of most recent maintenance dredging activity: APRIL 28 1999

Quantity of Material dredged and method: Hydraulic Dredging

Date permit issued for recent dredging, if known: NOV 11 1996

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
UPLAND DISPOSAL

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
SILT AND Sediment

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 1 year or 2

Is future dredging activity to be performed under new or existing permit: existing

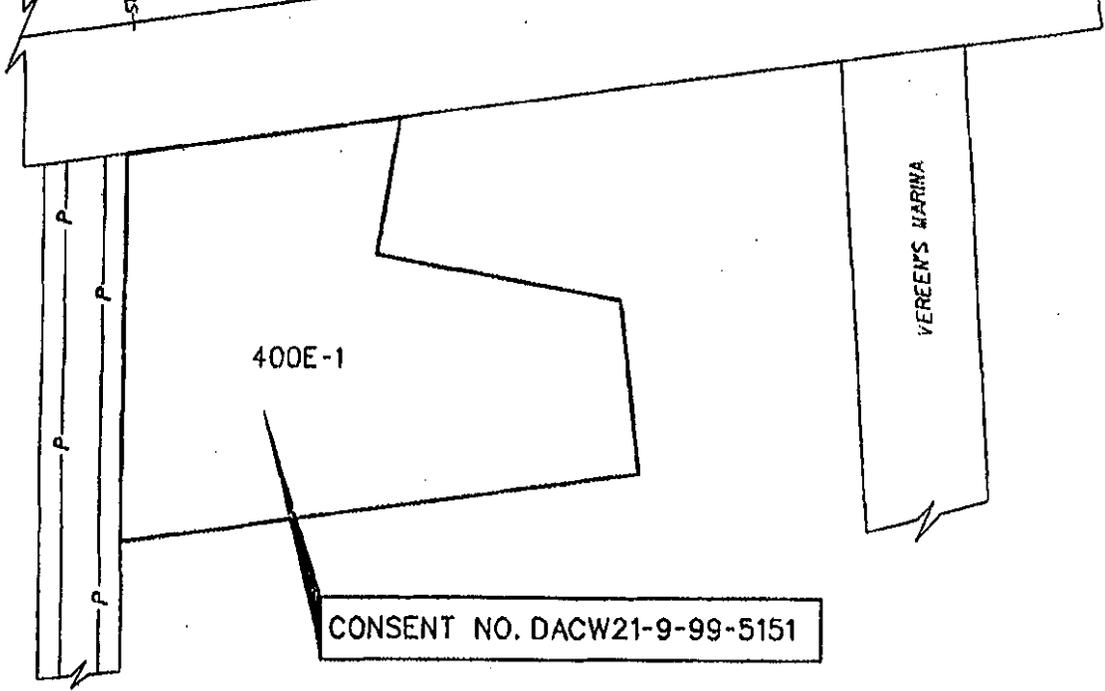
Proposed location of disposal for future dredging: See attached

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

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\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



400E-1

CONSENT NO. DACW21-9-99-5151

VEREENS MARINA

P

P

P

P

DEPARTMENT OF THE ARMY  
OFFICE OF THE SAVANNAH DISTRICT ENGINEER  
SOUTH ATLANTIC DIVISION

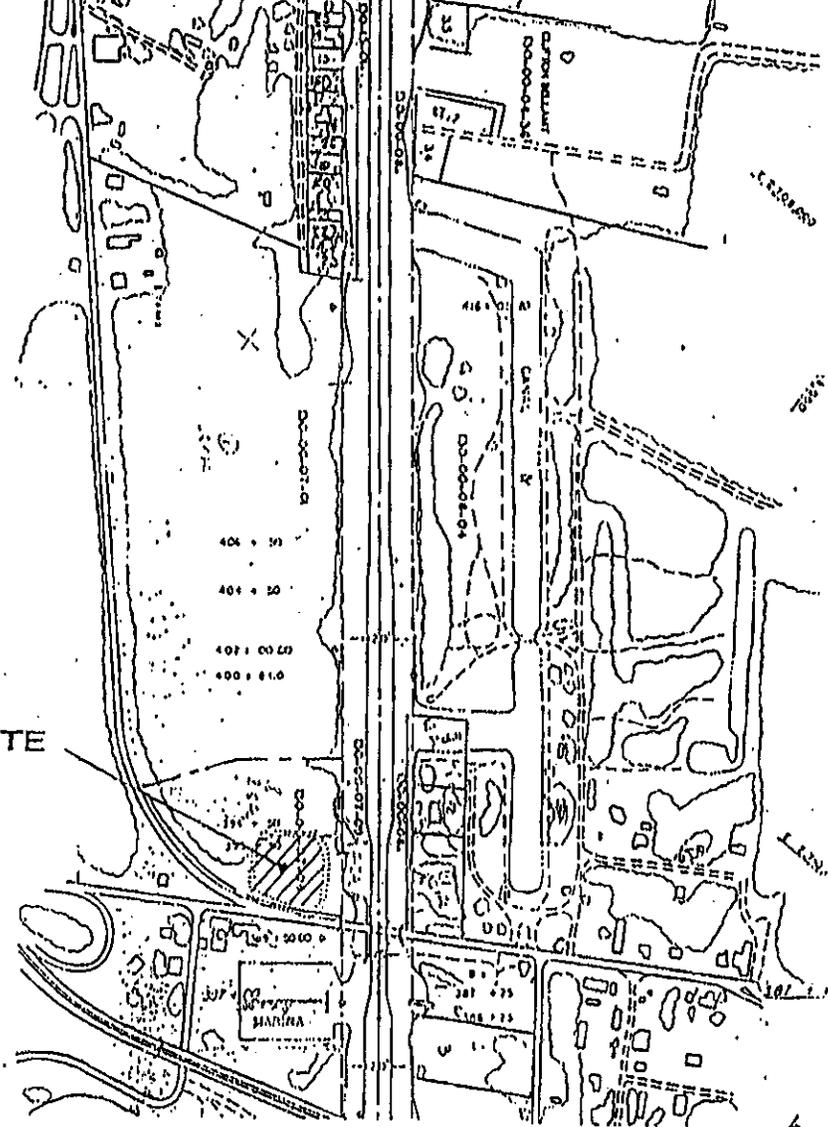
S.C. AIWW HORRY CO.  
LITTLE RIVER-WINYAH BAY

CONSENT NO. DACW21-9-99-5151  
GRANTEE: CACTUS RESORT PROPERTIES, INC.  
AREA: 5.65 ACRES ±

SCALE: N.T.S.                      DATE: 30 SEPTEMBER 1999

EXHIBIT "A"

DISPOSAL SITE



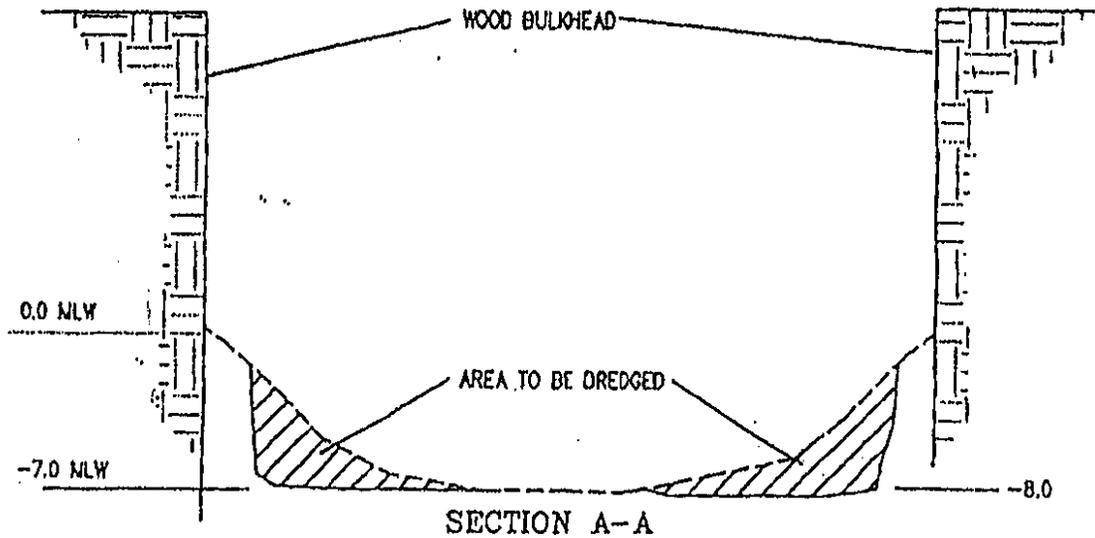
PURPOSE: MAINTENANCE DESIGN  
OF EXISTING MARINA

LOCATION MAP  
Vereen's Marina  
NORTH MYRTLE BEACH, SC 29579  
GRAPHIC SCALE  
0 400 800 1600  
( IN FEET )  
1 inch = 800 ft.

PROPOSED DREDGING  
IN: NORTH MYRTLE BEACH  
AT: VEREEN'S MARINA/AIWW  
COUNTY OF HORRY STATE OF SC  
APPLICATION BY: FINOVA  
CAPITAL CORP.

SHEET 4 OF 4

11 NOV 96



N.T.S.

LEGEND:

- EXISTING SCARP
- PROPOSED PROFILE

PURPOSE: MAINTENANCE DREDGING  
OF EXISTING MARINA

DATUM: MLW

SECTION VIEW  
Vereen's Marina  
NORTH MYRTLE BEACH, SC 29579

PROPOSED DREDGING  
IN: NORTH MYRTLE BEACH  
AT: VEREEN'S MARINA/AIWW  
COUNTY OF HORRY STATE OF SC  
APPLICATION BY: FINOVA  
CAPITAL CORP.

SHEET 3 OF 4

11 NOV 96

2

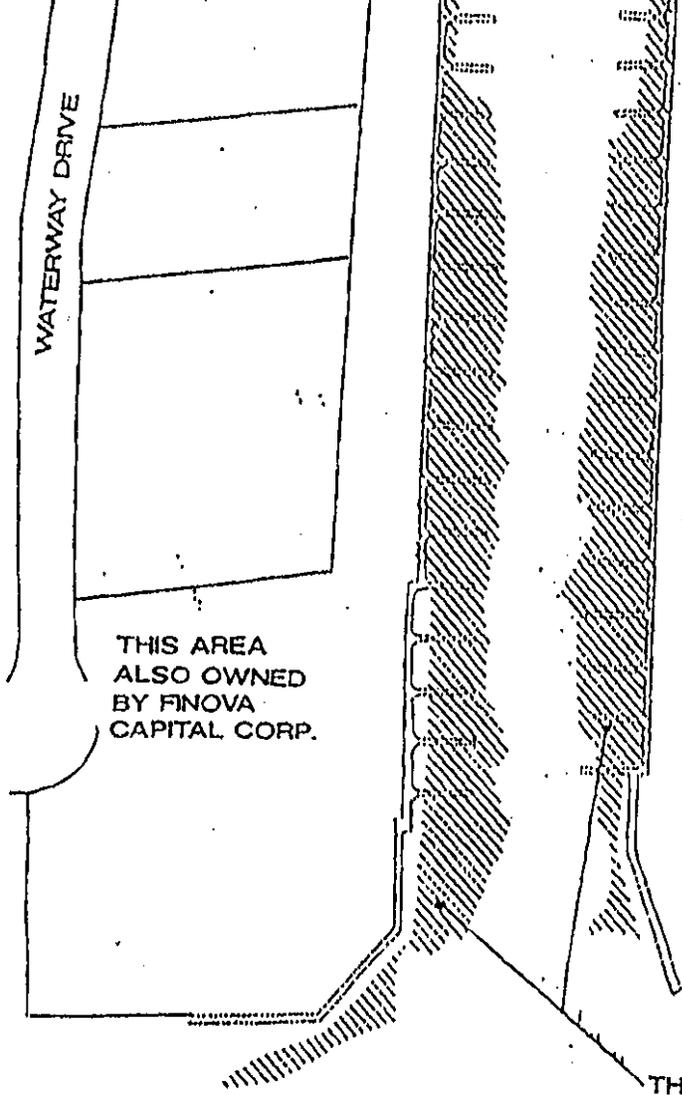


WATERWAY DRIVE

THIS AREA ALSO OWNED BY FINOVA CAPITAL CORP.

JANIE T. BARTOS

1



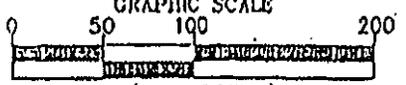
THIS AREA TO BE DREDGED

ATLANTIC INTRACOASTAL WATERWAY

PURPOSE: MAINTENANCE DREDGING OF EXISTING MARINA

PLAN VIEW  
Vereen's Marina  
NORTH MYRTLE BEACH, SC 29579  
GRAPHIC SCALE

PROPOSED DREDGING  
IN: NORTH MYRTLE BEACH  
AT: VEREEN'S MARINA/AIWW  
COUNTY OF HORRY STATE OF SC  
APPLICATION BY: FINOVA CAPITAL CORP.

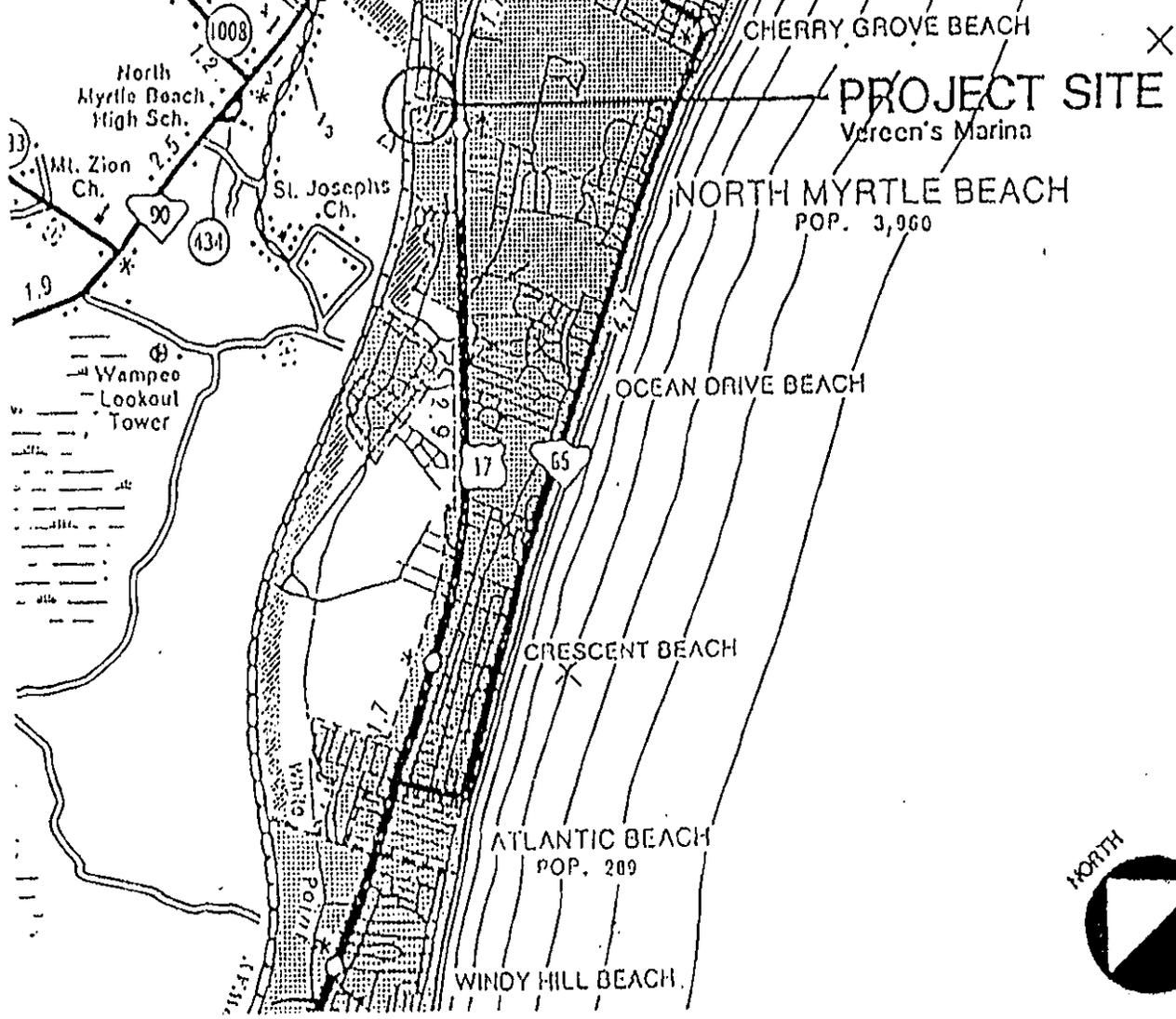


( IN FEET )  
1 inch = 150 ft.

ADJACENT PROPERTY OWNERS:  
1. JANIE T. BARTOS  
2. VEREEN, INC.

SHEET 2 OF 4

11 NOV 96



PURPOSE: MAINTENANCE DREDGING  
OF EXISTING MARINA

VICINITY MAP  
Vereen's Marina  
NORTH MYRTLE BEACH, SC 29579

PROPOSED DREDGING  
IN: NORTH MYRTLE BEACH  
AT: VEREEN'S MARINA/AIWW  
COUNTY OF HORRY STATE OF SC  
APPLICATION BY: FINOVA  
CAPITAL CORP.

GRAPHIC SCALE  
1 Inch = 1 Mile

SHEET 1 OF 4      11 NOV 96

**General Information:**

Marina: Wacca Wache Marina

Address of Marina: 1950 Wacheseaw Boad, Murrells Inlet, SC 29576

Waterway: Intracoastal Waterway

Phone Number: 843-651-2994 Fax: 843-651-1056

Contact Person: Andrea Peterson

Size of Basin (Acres/ No. of Slips): 6 acres / 120 slips

**Type of Facilities/Amenities (Yes/No)**

Fuel yes Dry Stack Storage yes

Pump-out yes Restrooms yes

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: 1968

**Dredging Information:**

Date of most recent maintenance dredging activity: 1990

Quantity of Material dredged and method: aquatic dredging / barge

Date permit issued for recent dredging, if known: \_\_\_\_\_

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
upland disposal

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
clay + sand

in so, what size and capacity.

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: anticipated late 2005

Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: on-site disposal site

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

Hurricane Erosion Problems; Water depth level for main channel is diminishing

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

Marina is under new ownership as of May 2004. A significant rebuild of the marina happened in the early 90's; the new owners do not have detailed knowledge of the dredging that occurred during the rebuild.

**General Information:**

Marina: WINDMILL HARBOUR

Address of Marina: 161 HARBOUR PASSAGE, HHI 29926

Waterway: CALIBOGUE SOUND

Phone Number: 843-681-9235 Fax: 843-681-9394

Contact Person: PETER EVANS

Size of Basin (Acres/ No. of Slips): 10 ACRES 258 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel ✓ Dry Stack Storage \_\_\_\_\_

Pump-out ✓ Restrooms ✓

Other (explain) \_\_\_\_\_

Date Marina first opened, if known: AUG 1984

**Dredging Information:**

Date of most recent maintenance dredging activity: ---

Quantity of Material dredged and method: ---

Date permit issued for recent dredging, if known: ---

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:  
---

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.  
---

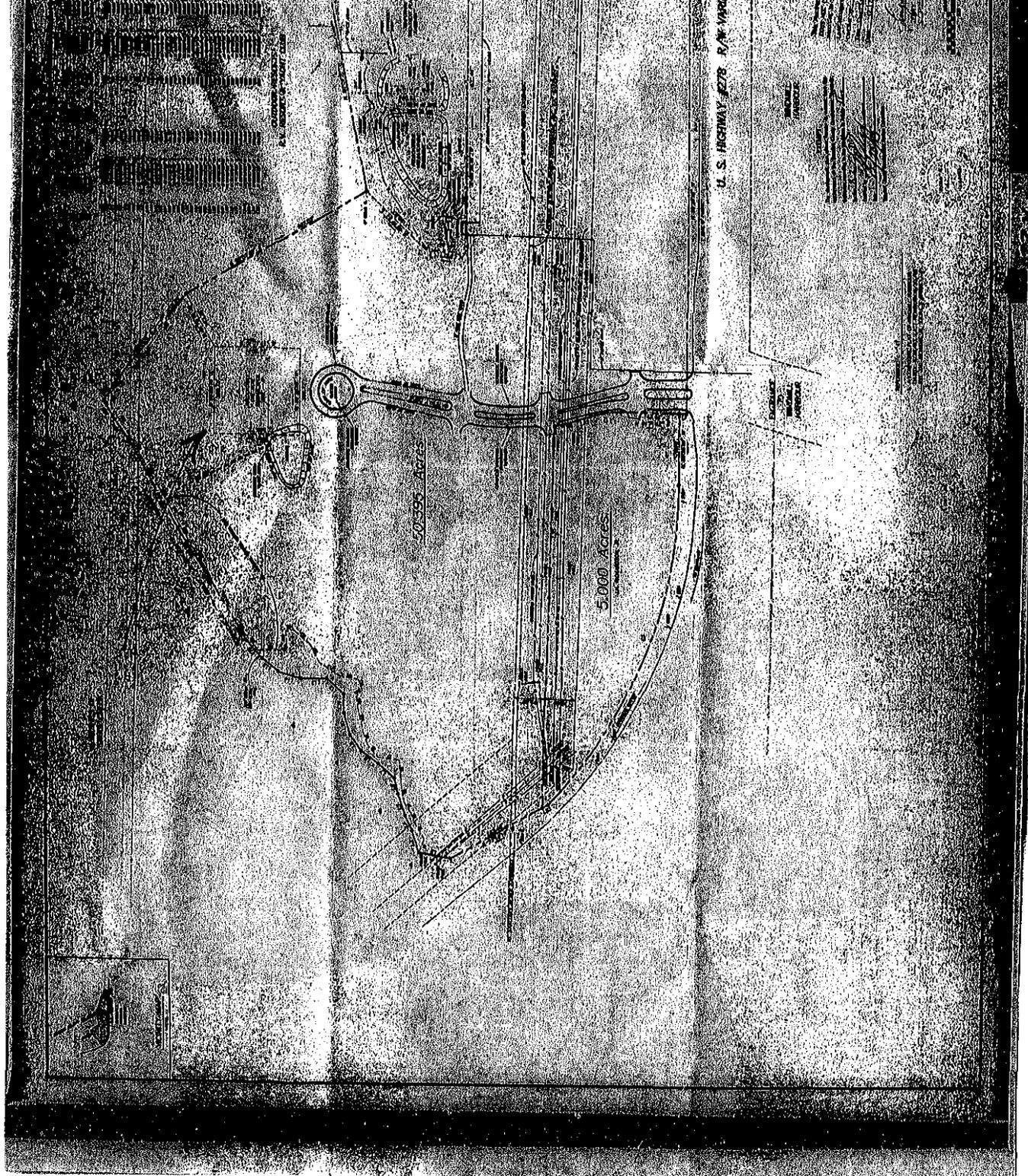
Next anticipated dredging event for marina and quantity and/or expected frequency  
of dredging: 2006? - SMALL AMOUNT FROM ENTRANCE CHANNEL

Is future dredging activity to be performed under new or existing permit: NEW

Proposed location of disposal for future dredging: \_\_\_\_\_

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:  
\_\_\_\_\_  
\_\_\_\_\_

\* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings  
would be very helpful.



Job Number: 17224	Produced: 2/16/05	Produced By: JSM
Scale: 1 inch = 21,750 feet	Modified:	Modified By:
Projection: South Carolina State Plane	Horizontal Datum: NAD83	Vertical Datum: NAVD88
File: N:\17224\GIS\Drage\Exhibits\MyrtleBeach_Region		

Thomas & Hutton Engineering Co. compiled the map information only from the following sources:

DATA	SOURCE	DATE
Marina Locations	MapQuest.com, inc.	2005
County Boundary	ESRI Data	2003

**DISCLAIMER:**  
Thomas & Hutton used the data "as is" and has made no independent investigation of the data nor makes any representation as to the accuracy or completeness of the data. Please see each source for available documentation of its respective data sets.



- Crosett Cove Marina
- Myrtle Beach Yacht Club
- North Myrtle Beach Marina
- Plantation Harbour
- Harborwalk Marina Village
- The Marina At Dock Holidays
- Eastport Marina
- Lightkeepers Marina
- Anchor Marina
- Mariners Point Club House

Kingston Pointe Marina

Hague Marina

Osprey Marina

Bucksport Plantation Marina

Captain Dick's Ocean Marina  
Wacca Vache Marina

Marlin Quay Marina

Reserve Harbor Marina

Heritage Plantation Property  
Utchfeld Plantation

The Boat Shed  
Hazard Marina  
Harborwalk Marina

Belle Island Marina

Atlantic Ocean

# Dredging Needs Assessment Myrtle Beach Vicinity Marinas

- No Dredge
- Future Dredge
- No Response



1 inch equals 21,750 feet



Copyright © 2003 Thomas & Hutton Engineering Co.  
 Job Number: 17224    Produced: 2/16/05    Produced By: JSM  
 Scale: 1 inch = 12,750 feet    Modified:    Modified By:  
 Projection: South Carolina State Plane    Horizontal Datum: NAD83    Vertical Datum: NAVD83  
 File: N:\17224\GIS\Drudge\Exhibits\Charleston\_Regon

Thomas & Hutton Engineering Co. compiled the map information only from the following sources:

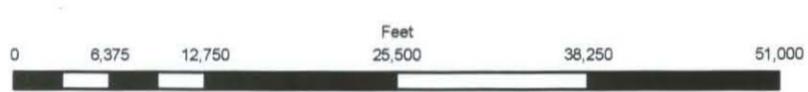
DATA	SOURCE	DATE
Marina Locations	MapQuest.com, Inc.	2005
County Boundary	ESRI Data	2003

**DISCLAIMER:**  
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# Dredging Needs Assessment Charleston County Vicinity Marinas

- No Dredge
- Future Dredge
- No Response

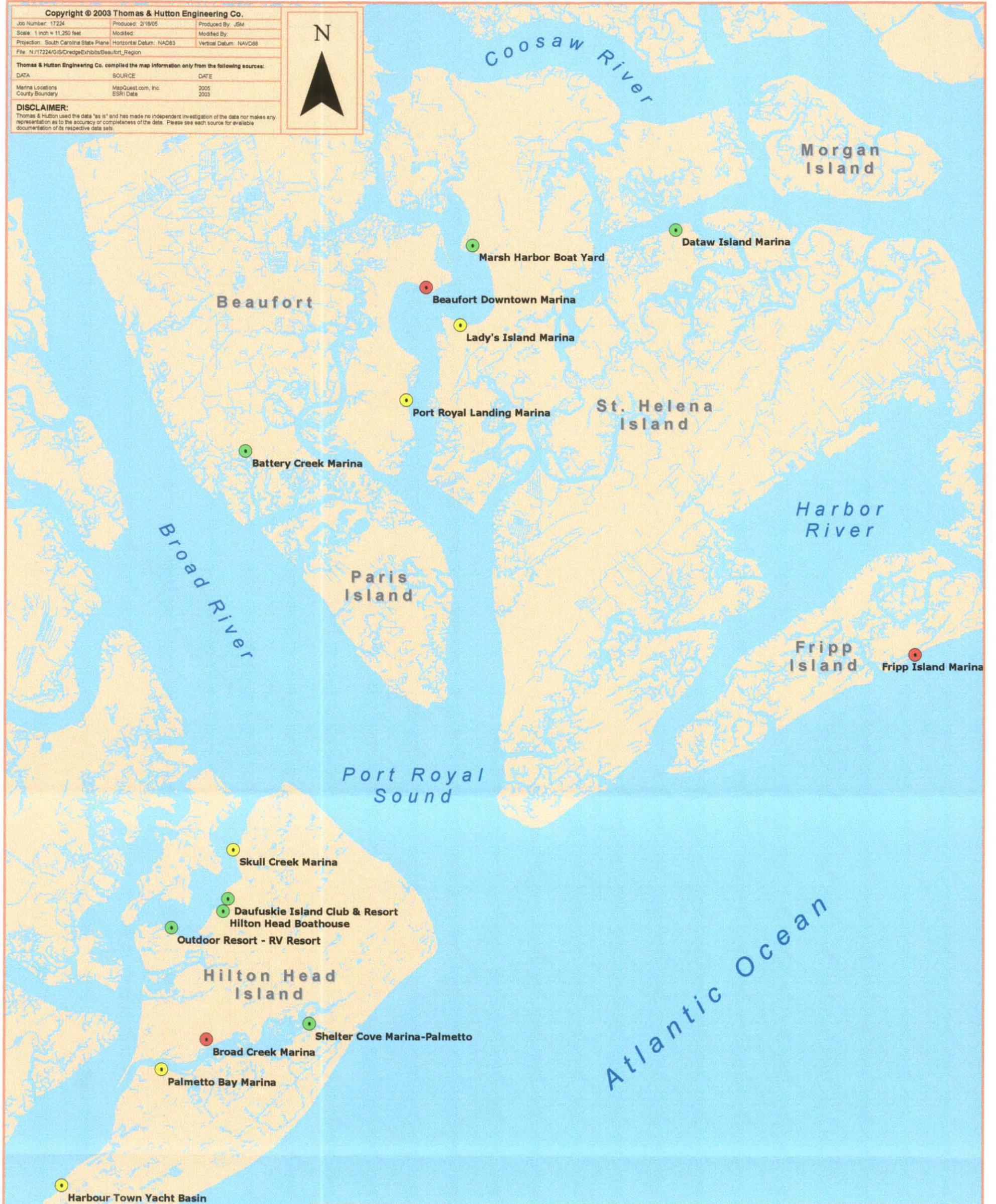


1 inch equals 12,750 feet

Copyright © 2003 Thomas & Hutton Engineering Co.  
 Job Number: 17224      Produced: 2/18/05      Produced By: JSM  
 Scale: 1 inch = 11,250 feet      Modified:      Modified By:  
 Projection: South Carolina State Plane      Horizontal Datum: NAD83      Vertical Datum: NAVD88  
 File: N:\17224\GIS\Credge\Exhibits\Beaufort\_Region

Thomas & Hutton Engineering Co. compiled the map information only from the following sources:  
 DATA      SOURCE      DATE  
 Marina Locations      MapQuest.com, Inc      2005  
 County Boundary      ESRI Data      2003

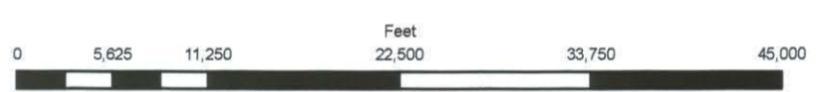
**DISCLAIMER:**  
 Thomas & Hutton used the data "as is" and has made no independent investigation of the data nor makes any representation as to the accuracy or completeness of the data. Please see each source for available documentation of its respective data sets.



# Dredging Needs Assessment

## Beaufort County Vicinity Marinas

- No Dredge
- Future Dredge
- No Response



1 inch equals 11,250 feet

