

## MAINTENANCE DREDGING TEAM REPORT

§ SEPTEMBER 08<sup>TH</sup> 2000 §

### UPDATE FROM JUNE 10<sup>TH</sup> REPORT

**TEAM:** STAN KRUPA , BILL AIMONE , JOHN PACINDA

#### LEGAL ASPECT

LAW AND REGULATIONS AS WELL AS REQUIREMENTS FOR PROTECTING  
NATURAL RESOURCES HAVE CHANGED : MORE STRINGENT NOW

VERY FEW DEMANDS FOR MAINTENANCE DREDGING : AGENCIES PERSONNEL NOT  
FAMILIAR WITH PROCEDURES FOR SMALL PROJECTS

#### PAST SITUATION

WE HAVE A PERMIT #11899(03) VALID UP TO DEC. 2001 FOR TERRAMAR BEACH  
MECHANICAL OR HYDRAULIC DREDGING EVERY 3-5 YEARS

VOLUME 5,000 CYD OF SPOIL

SPOIL PLACED IN AUTHORIZED LEVEE ON WEST BANK OF BOAT CHANNEL

#### PRESENT SITUATION

EXISTING LEVEE IS FULL AND OWNER IS ASKING TBCIA TO PAY FOR REMOVING  
THE SPOIL AND BUILD A ROAD WITH IT ( +/- 35,000USD COST )

PROPELLER WASHING IS NO MORE AUTHORIZED

WE NEED A NEW LEVEE ( +/-3.11 AC )

TBCIA 'S LAND AROUND THE SWIMMING POOL HAS BEEN PROPOSED (+/-5.0 AC)

#### NEW LEVEE

A NEW FOOTPRINT FOR THE LEVEE WILL REQUIRE

A NEW PERMIT WITH PUBLIC NOTICE OR

AN AMENDMENT TO EXISTING PERMIT BY ADDING A NEW LEVEE LOCATION

WITH THE CORPS OF ENGINEERS SUPPORT ,WE OPTED FOR AMENDING THE

#### EXISTING PERMIT

AMENDMENT TO PERMIT #11899 (03 )

VOLUME OF SPOIL UP TO 11,000 CYD

EXTENDED VALIDITY BEYOND DECEMBER 2001

ADD NEW LOCATION OF LEVEE

#### CONTACTED AGENCIES/COMPANIES

CORPS OF ENGINEERS OF GALVESTON DISTRICT / REGULATORY BRANCH FOR

#### REQUIRED DOCUMENTS

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION (TNRCC) FOR

#### REQUIRED DOCUMENTS AND 401 CERTIFICATION

GALVESTON CENTRAL APPRAISAL DISTRICT AND CITY HALL FOR OFFICIAL MAPS

#### OF TERRAMAR BEACH

NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION FOR NAUTICAL CHART  
#11322 / INTERCOASTAL WATERWAY & GALVESTON BAY AND EXACT GEOGRAPHICAL  
LOCATION OF THE LEVEE

FORMAN EQUIPMENT AND CONTRACTING COMPANY FOR THE DRAWING AND  
FOOTAGE OF THE NEW LEVEE AS WELL AS A COST ESTIMATE FOR THE HYDRAULIC  
DREGING OF THE BOAT CHANNEL AND BUILDING OF THE LEVEE

AZTEC DEVELOPMENT CO. FOR A COST ESTIMATE OF DREDGING BY JET SPRAY

#### ACTUAL STATUS ( SEPTEMBER 8<sup>TH</sup> 2000 )

AS PER THE LATEST REQUEST FROM THE CORPS OF ENGINEERS,WE MAILED ALL  
THE DOCUMENTS , MAPS AND DRAWINGS ON JUNE 08 , 2000 REQUESTING AN  
AMENDMENT TO OUR EXISTNG PERMIT #11899(03)

DICK MEISINGER EX TBCIA PRESIDENT SIGNED A STATEMENT OF COMPLIANCE  
WITH TEXAS COASTAL MANAGEMENT PROGRAM

{ STAN KRUPA MET WITH MARCEL DURONSLET AT THE HEADQUARTERS OF THE CORPS }  
OF ENGINEERS ON AUGUST 15<sup>TH</sup> AND ADDED SOME DRAWINGS AND OTHER DETAILS }

REQUESTED BY MARCEL. WHEN THE FILE HAVE BEEN COMPLETED ON SEPTEMBER 05<sup>TH</sup> 2000 , MARCEL MAILED IT WITH A COORDINATION LETTER TO THE TNRCC AND OTHER INTERESTED DEPARTMENTS IN GALVESTON AND AUSTIN FOR RESPONSE WITH COMMENTS WITHIN 15 DAYS.

STAN CONTACTED ALSO LINDA BROACH AT THE TEXAS NATURAL RESOURCES CONSERVATION COMMISSION ( TNRCC ) IN HOUSTON TO MAKE SURE SHE WILL NOT FIND ANYTHING IN THE WAY FOR ISSUING THE 401 CERTIFICATION FOR THE RETURN WATER FROM THE LEVEE ( INDIVIDUAL WATER QUALITY CERTIFICATION FOR HYDRAULIC DREDGING ).

THE CORPS OF ENGINEERS WILL GRANT THE PERMIT AFTER REVIEW OF COMMENTS, DOCUMENTS AND THE 401 CERTIFICATION FROM TNRCC.

## ECONOMICS

### COST ESTIMATE FOR DREDGING AND BUILDING THE NEW LEVEE

AZTEC DEVELOPMENT CO : 74,000 USD FOR DREDGING + COST OF NEW LEVEE  
REQUIRES A NEW PERMIT FOR JET SPRAYING

FORMAN EQUIPMENT & CONTRACTING CO :

60,000 USD FOR HYDRAULIC DREDGING

15,000 USD FOR THE NEW LEVEE

NEEDS A VALID PERMIT (SEE ABOVE )

} KIRBY MARINA CO :

NEW CONTENDER

WILL QUOTE AS SOON AS WE HAVE THE PERMIT }

### CONTRACT AND REQUIREMENTS

A CONTRACT HAS BEEN DRAFTED WITH FOLLOWING REQUIREMENTS:

DREDGING DOWN TO -6 FOOT OF MEAN LOW WATER LEVEL

LENGTH OF CHANNEL IS ABOUT 1,600 FEET

WIDTH OF CHANNEL IS 60 FEET

PROJECT COMPLETED IN 60 DAYS EXCLUDING ACT OF GOD AND POOR WEATHER

SITE CLEARED OF EQUIPMENT AND DEBRIS AT COMPLETION

COST OF DREDGING NOT TO EXCEED \$5.50 PER CYD OR 60,000 USD

TOTAL VOLUME OF DRY SPOIL IS AROUND 11,000 CYD

COST OF LEVEE SET AT 15,000USD ( +/- 3.11 AC )

FOR THE TEAM



STAN KRUPA  
DIRECTOR SECTION #8