

SWG-2001-02279

Newport Marina
Permit SWG-2001-02279

SUMMARY OF
MITIGATION

ATTACHMENT B

MITIGATION CONSTRUCTION, MONITORING, and SUCCESS CRITERIA

- A total of 109.3 acres of on-site mitigation is proposed within Conservation Areas labeled as A, B, and C.
- Conservation Area A will yield 28.26 acres of preserved algal flat, saltmarsh, and upland habitat; Conservation Area B, 71.95 acres of preserved jurisdictional ; and Conservation Area C, 2.8 acres of preserved wetlands and 6.31 acres of created wetlands, for a total of 9.11 acres.
- Conservation Area A is proposed to be preserved in perpetuity via either deed restrictions or a conservation easement.
- Approximately 6.31 acres of Area C will be excavated to match the elevation of adjacent wetlands and allowed to re-vegetate naturally. Area C (9.11 acres) will be preserved in perpetuity via either deed restrictions of a conservation easement.
- Jurisdictional areas adjacent to Conservation Areas B and C will be marked and avoided during construction.
- Material excavated from Conservation Area C will be placed in a confined upland disposal area onsite.
- Monitoring for re-vegetation of Conservation Area C will be performed at 12, 24, 36, 48, and 60-months post-construction or until mitigation success criteria is achieved, whichever is the latter. A brief monitoring report will be submitted to the USACE Corpus Christi Office after each monitoring event. Each report will include percent cover estimates for vegetative species. Photographs will be taken at the same established locations for each mitigation area for each monitoring event. The report format and contents are to conform to the standards specified in Regulatory Guidance Letter 06-03.
- If less than 25% cover of targeted vegetation is observed in Conservation Area C during the 12-month post-construction survey, a planting effort may be implemented. A meeting between the permittee and USACE will be held to determine how best to proceed.
- If less than 50% cover of targeted vegetation is observed in Conservation Area C during the 24-month post-construction survey, those areas not re-vegetated may be planted. A meeting between the permittee and USACE will be held to determine how best to proceed.
- If less than 70% cover of targeted vegetation is observed in Conservation Area C during the 36 month post-construction survey, those areas not re-vegetated will be planted. This further applies to 48 and 60 month post-construction periods.
- Should planting of Area C necessary, individual plants (such as *Spartina patens*, *Fimbristylis castanea*, *Juncus sp.*, and *Scirpus sp.*) will be obtained and transplanted from a local site pending concurrence by the TPWD. A permit for transplanting activities will be obtained from TPWD prior to the start of the planting effort. The individual plants will be hand-planted on 36-inch centers within Area C.
- Invasive species, such as *Typha sp.* and *Schinus terebinthifolius*, shall not count in the calculated cover value. Eradication of such species is to be accomplished on an annual basis and their presence and eradication included in the monitoring report.
- Conservation Areas are to be permanently marked with signage informing the public of their status and sensitivity.
- Other mitigation provisions as specified in Special Conditions of the Department of the Army Permit 23357 apply.

PA Waterfront, L.P.
Project SWG-2001-02279
Attachment B, Sheet 1 of 1