

Attachment 1.

Standardized Conditions

1. Debris removal. Debris removal associated with damage from Hurricane Dennis is authorized under the following conditions:
 - 1.1 Equipment used for debris removal shall remain at least ten (10) feet from all marked sea turtle nests. Debris within ten feet of a marked nest may be removed by hand.
 - 1.2 All activity shall be confined to daylight hours and shall not occur prior to 9:00 am following the completion of all necessary marine turtle surveys and conservation activities.
 - 1.3 Rope off areas where dunes or vegetated areas remain intact and protect from debris removal impacts. Where habitat impact is unavoidable, restoration should be completed as soon as possible following clean up activities using native dune vegetation.
 - 1.4 All demolition, clean-up, and debris removal should occur within or as close as possible to the footprint of the original facilities. Use equipment with grapples located on existing hard top or impacted sites to remove debris within intact dune habitat.
 - 1.5 Locate debris collection/pick up sites off the beach and outside of dune habitat and public lands.
 - 1.6 Locate staging/storage areas for clean-up equipment and debris off the beach and outside of dune habitat and public lands.
 - 1.7 Designate and locate parking areas for clean-up crews off the beach and outside of dune habitat and public lands.
 - 1.8 No on-site burial of debris on the beach, dunes and public lands. Debris should be quickly moved to the roadway or designated collection sites for pick up.
 - 1.9 If needed, designate and rope off ingress and egress corridors where clean-up traffic and debris collection would minimally impact beach or dune habitat. Consider creating one-way traffic corridors to reduce the need for equipment turn around.

2. Structural repair. Repair and replacement of dune walkovers, residences, or previously permitted armoring structures are authorized under the following conditions:
 - 2.1 Repair work shall be conducted to the greatest extent practicable from landward positions with minimal equipment intrusion on to the beach.
 - 2.2 Use of equipment on the beach is authorized provided it is taken off the beach by dusk pm every night and County/City approved designated beach accesses are used.
 - 2.3 All activity shall be confined to daylight hours and shall not occur prior to 9:00 am following the completion of all necessary marine turtle surveys and conservation activities.
 - 2.4 No construction related lights are authorized during nesting season (May 1 –October 31).
 - 2.5 Repair or replacement of structures must occur in the same location or “foot print” of the previously permitted structure.
 - 2.6 All manmade excavations and temporary alteration of beach topography shall be filled, covered, or leveled to match existing grade prior to dusk each day.
 - 2.7 No projects may occur within ten (10) feet of a marked sea turtle nest.
 - 2.8 Relocation of sea turtle nests to accommodate construction is not authorized.

- 3 Dune restoration. To the degree possible, dune restoration work, specifically installation of sand fences and placement of dune fill material or other topographic alteration, should be conducted outside the marine turtle nesting season (May 1 through October 31). If dune restoration or sand fence is to be installed during the sea turtle nesting season the following conditions apply.
 - 3.1 All activity shall be confined to daylight hours and shall not occur prior to 9:00 am following the completion of all necessary marine turtle surveys and conservation activities.
 - 3.2 Any nests deposited in an area not requiring relocation for conservation purposes (as determined by the marine turtle permit holder) shall be left *in situ*. The marine turtle permit holder shall install an on-beach marker at any nest site and a secondary marker located at a point as far landward as possible to ensure that future location of the nest will be possible should the on-beach marker be lost. A series of stakes and survey ribbon or string shall be installed to establish an area of 3 feet radius surrounding the nest. Nest sites shall be inspected daily to ensure nest markers have not been removed.
- 4 Fill material.
 - 4.1 All fill material placed seaward of the control line shall be sand which is similar to that already existing on the site in both coloration and grain size. All such fill material shall be free of construction debris, rocks, clay, or other foreign matter; shall be obtained from a source landward of the coastal construction control line; and shall be free of coarse gravel or cobbles. Placement of fill shall not occur within 10 feet or in any location seaward of a marked nest. Dependant upon the fill volume and slope, a large offset distance from marked nests may be required to avoid indirect impacts (e.g., fill slumping) to the nest. If the nest cannot be avoided by this distance due to the scope of the project, all work near the nest must be postponed until completion of the marine turtle nesting season (November 1).
 - 4.2 Heavy equipment on the nesting beach shall be avoided to the maximum extent practicable. If needed, use of heavy equipment is used, it must be removed each day by dusk and must only access the beach by County/City approved designated beach accesses.
 - 4.3 All excavations and temporary alteration of beach topography shall be filled or leveled to the natural beach profile prior to dusk each day.
 - 4.4 Fill shall be placed as landward as practicable to establish or repair dune features. The permittee shall take into account the existing beach and dune profile to determine appropriate siting of fill in order to provide reasonable longevity of the project.
- 5 Beach scraping.
 - 5.1 One time scraping of the beach face is authorized, but shall not occur within 10 feet of marked nests.
 - 5.2 A maximum of one foot in height of accreted sand may be scraped from the area of the beach between the previous days wrack line and the shoreline.
 - 5.3 The excavated material is to be placed in a uniform manner landward of the wrack line and seaward of the dune escarpment or the pre-storm dune line.
 - 5.4 Scraped material shall not be transported laterally along the beach.
 - 5.5 Only sandy material may be scraped.
 - 5.6 No material scraped from the beach may be moved landward of either the established first line of buildings or the dune escarpment, whichever is more seaward.

- 5.7 All activity shall be confined to daylight hours and shall not occur prior to 9:00 am following the completion of all necessary marine turtle surveys and conservation activities.
- 5.8 Use of heavy equipment on the beach is authorized provided it is taken off the beach by dusk every night and access to the beach is by County/City approved designated beach accesses.
- 6 Sand fencing. Minimal use of sand fence is encouraged. When used, the fence shall be used for restoration of dune blowouts. Post and rope is preferred for beach visitor access, pedestrian traffic control, and wildlife exclusion zones (i.e., bird wintering areas). If used for dune restoration, the fence shall be placed in a sea turtle compatible design and be made of biodegradable material.
 - 6.1 Sand fence shall be designed and installed as follows: a maximum of ten (10) foot long spurs of sand fencing spaced at a minimum of seven (7) feet on a diagonal alignment (facing the predominate wind direction) for the shore parallel coverage of the subject property. Only one row of sand fencing should be installed in sea turtle nesting habitat.
 - 6.2 If it is determined that the permitted sand fencing adversely impacts marine turtles, or the sand fence has become derelict or non-functional, the permittee shall remove or make modifications to the permitted sand fencing.
- 7 Dune Vegetation. Planting of dune vegetation is authorized to occur during the marine turtle nesting season May 1 through October 31 under the following conditions.
 - 7.1 The use of heavy equipment (trucks) is not authorized seaward of the dune crest or - armoring structure. A lightweight (ATV style) vehicle, with tire pressures of 10 p.s.i. or less can operate on the beach.
 - 7.2 Any vegetation planting or placement of irrigation materials shall be installed by hand labor/tools.
 - 7.3 Irrigation (if proposed) shall be entrenched 1 to 3 inches below grade so as not to pose a barrier to hatchlings and to allow for easy removal. Irrigation piping shall avoid all marked nests by a minimum of ten (10) feet. The irrigation system shall be designed and maintained so that watering of the unplanted sandy beach does not occur. In the event a marine turtle nest is deposited within the newly established dune planting area, the permittee shall modify the irrigation system so that watering within 10 feet of the nest does not occur. Daily inspection of the irrigation system shall be accomplished by the permittee to ensure compliance with this condition.
 - 7.4 Nighttime storage of equipment or materials shall be off the beach (landward of the dune crest, existing seawalls or bulkheads).
 - 7.5 In the event a nest is disturbed or uncovered during planting activity, the permittee shall cease all work and immediately contact the person(s) responsible for marine turtle conservation measures within the affected project area. If a nest(s) can not be safely avoided during construction, all activity within the affected project area shall be delayed until complete hatching and emergence of the nest.
 - 7.6 Existing native dune vegetation shall be disturbed only to the minimum extent necessary. Only native salt tolerant plant species are authorized to be installed.
- 8 Road repair and reconstruction. These guidelines are intended to facilitate emergency road repair and clean-up post hurricane Dennis. They do not apply to the construction of new

roads or the expansion of existing roads. Permanent road repair designs should be coordinated with both FWC and USFWS.

- 8.1 All repair should occur within or as close as possible to the footprint of the original road.
- 8.2 Staging/storage areas should be identified for construction activities and should be located outside of existing/remaining beach and dune habitat.
- 8.3 Parking areas should be identified for construction crews and should be located outside of existing/remaining beach and dune habitat.
- 8.4 No clay materials should be used in construction, unless approved by the FWS or FWC.
- 8.5 No fill material should be deposited on or removed from existing/remaining beach and dune habitat. Fill material and hay bales must be clean of noxious weeds. No fertilizer or lime will be applied.
- 8.6 Where practical, road shoulders should be planted only with native vegetation; turf grass and/or sod should not be used.
- 8.7 In areas known to be occupied by beach mice, where aggregate material is needed for shoulder stabilization along the pavement edge, crushed oyster shell is the preferred material. If crushed shell is unavailable, White Bahama Rock is an acceptable material for use in the coastal zone.
- 8.8 Aggregate material should be placed no further than 3 feet from the pavement in areas known to be occupied by beach mice.

Attachment 2
Conditions for Shorebird Protection

1. Shorebird surveys should be conducted by trained, dedicated individuals using accepted, appropriate ecological survey procedures (for example, see "*Breeding Season Population Census Techniques for Seabirds and Colonial Waterbirds Throughout North America*" at URL: <http://www.mp2-pwrc.usgs.gov/cwb/manual/>).
 - 1.1 The shorebird nesting season generally is 1 April – 1 September, but some nesting may occur through September. In addition, the imperiled snowy plover (*Charadrius alexandrinus*) may nest as early as February along the west coast and panhandle of Florida.
 - 1.2 Nesting season surveys shall begin on April 1 (or February 1 in snowy plover habitat) or 45 days prior to construction commencement, whichever is later, and be conducted daily throughout the construction period.

2. Within the project area, the permittee shall establish a 300 foot buffer around any location where shorebirds have been engaged in courtship or nesting behavior, or around areas where piping plovers occur or winter migrants congregate in significant numbers. Any and all construction activities, including movement of vehicles, should be prohibited in the buffer zone.
 - 2.1 The width of the buffer zone shall be increased if birds appear agitated or disturbed by construction or other activities in adjacent areas.
 - 2.2 If a smaller buffer is needed because of site specific conditions, authorization should be requested from FWC.
 - 2.3 Designated buffer zones must be posted with clearly marked signs around the perimeter. These markings shall be maintained until nesting is completed or terminated, the chicks fledge, or piping plovers or winter migrants depart.
 - 2.4 No construction activities or stockpiling of equipment shall be allowed within the buffer area.