



Hurricane Ian Emergency Permitting Response – Volusia County

Hurricane Ian hit Lee County on Wednesday, September 28th as a Category 4 Hurricane, crossed the peninsula dumping torrential rains on central Florida and exited into the Atlantic Ocean on Thursday, September 29, 2022. Powerful winds, high storm surge, flooding and heavy surf battered Florida’s northeast coast, with Volusia County receiving significant storm impacts. The Florida Department of Environmental Protection’s Office of Resilience and Coastal Protection responded with damage assessment teams deployed to document storm damage to the beach and dune system and buildings in the coastal building zone.

Damage Assessment

In Volusia County, DEP compiled windshield surveys of 54 beach sites and completed countywide damage assessments. The post-storm damage assessments provide critical information to beach managers, emergency managers, property owners and others needing to make informed decisions on storm recovery. For RCP beach managers, the assessments inform agency responses to anticipated emergency permitting needs, potential emergency relief measures, and preparation of recovery assistance beach management funding plans.

DEP has documented sand losses in the beach berm and dune, vegetation loss, impacts to dune walkovers, damage to access ramps, seawall failures, breach of the Ponce Inlet North Jetty and damage to Sunglow and Main Street piers.

Assistance and Recovery

DEP intends to increase awareness of post-storm emergency permitting procedures for cleanup, recovery and rebuilding activities on properties seaward of state Coastal Construction Control Lines (CCCLs). Following storms, DEP is an important partner in ensuring that beachfront communities are successful in quickly and effectively returning overwashed sand to the beach, and making emergency repairs to walkovers, homes, condominiums, roads, parks and other coastal infrastructure. CCCL emergency permit procedures also expedite permitting for emergency repairs and relief measures like bringing in beach compatible sand for dune restoration, placing sandbags, shoring-up or reinforcing the foundations of threatened buildings, or installing temporary coastal armoring. The County is delegated to permit these emergency procedures, as detailed below. CCCL contact information is posted at the end of this document.

DEP assistance and recovery activities have been initiated in Volusia County with the deployment of a coastal engineering team to investigate widespread damages to bulkheads and coastal armoring structures.

Beginning October 10, DEP will be setting up a CCCL emergency permit processing field office in Volusia County, at 440 South Beach Street, Daytona Beach, 32114, which will be staffed as needed to expedite recovery activities. For beachfront property owners that have suffered damages from Hurricane Ian seaward of the coastal construction control line, a table of construction activities and required permit actions is included in a CCCL emergency permitting document called "[Post-Storm Public Information Handout: Emergency Permitting Guidance for Beachfront Property Owners](#)" and available on the CCCL Emergency Permitting website.

Volusia County Emergency CCCL Permits

DEP staff will help Volusia County implement its own coastal construction emergency permitting authority, conferred by Florida law, that allows local governments to assume emergency powers following coastal storm events. The state law gives Volusia County the ability to issue permits for emergency protective measures such as the placement of sand and installation of temporary armoring. An emergency order from DEP also allows Volusia County to issue emergency permits for structural repairs and dune restoration. Activities that Volusia County can approve with emergency permits are detailed below and on page 9 of the document titled "[Post-Storm Public Information Handout: Emergency Permitting Guidance for Local Governments, State Agencies and Public Utilities.](#)"

- Temporary or remedial activities that are necessary to secure structures to remove safety hazards and prevent further damage or collapse of foundations (such as temporary shoring of a building).
- Temporary armoring such as wooden retaining walls, cantilever sheet pile walls (without concrete caps, tiebacks or other reinforcement), sandbags less than 100 pounds filled bag, or similar structures.
- The replacement or repair of caps and anchoring systems (or tiebacks) for existing seawalls or bulkheads.
- Repair or replacement of minor ancillary structures (such as stairs, landings, and HVAC platforms) and service utilities.
- Repair of surviving beach/dune walkovers provided the structure is substantially intact.
- Permanent repair of foundations for buildings that have not been substantially damaged.
- Restoration of a dune system damaged by the storm using beach compatible sand from an upland source.

CCCL Permitting Required Through DEP

While the County can authorize certain emergency actions, certain repairs and activities **must** come through DEP permitting. These include activities such as the following that occur seaward of the Coastal Construction Control line (usually occurring near or on the sandy beach) including:

- Repair or replacement of minor structures, including dune walkovers, retaining walls, decks, and gazebos
- Repair or reconstruction of major structures
- Repair or reconstruction of major damages to coastal armoring structures
- Temporary armoring that includes sandbags greater than 100 lbs., "trap" bags or similar sand

- filled geotextile containers provided they remain uncovered
- Repair or replacement of armoring stone for existing revetments

Coastal Armoring Permitting

For an emergency temporary structure to be permitted as a permanent rigid coastal armoring structure, an application must be submitted to the Department within 60 days of installation, and the structure must meet all eligibility, siting, and design criteria for permanent armoring specified in Rule 62B-33.0051, F.A.C., and all other applicable provisions of the rule.

Coastal Construction Control Line Program Emergency Permitting Contacts and Resources

During pre-storm preparations or after a storm event, CCCL staff are available to assist local governments and property owners with emergency permitting information and processing seaward of state coastal construction control lines. In addition, CCCL emergency permitting materials are available [on-line](#).

- CCCL Program: www.FloridaDEP.gov/CCCL; [email CCCL@FloridaDEP.gov](mailto:CCCL@FloridaDEP.gov); phone 850-245-2094
- DEP CCCL Field Office, Volusia County: 850-274-0743
- CCCL Program Administrator: Doug Aarons, [email](#); phone 850-245-7672
- CCCL Environmental Administrator: Celora Jackson, [email](#); phone 850-245-7668
- Coastal Armoring Permits: Derek Bellamy, [email](#); phone 850-245-8419
- CCCL Permit Managers: [contact information](#)
- CCCL Emergency Permitting Page: www.FloridaDEP.gov/CCCL
- [CCCL Post Storm Public Information Handout](#)
- [Guidance to Local Governments for Emergency Temporary Coastal Armoring and Other Measures Seaward of the CCCL](#)
- [Post-Hurricane Recovery Sand Specifications](#)
- Florida Fish and Wildlife Conservation Commission, Imperiled Species Management Section, [website](#); 850-922-4330, marineturtle@MyFWC.com