



Dear Mayor Levy and Commissioners:

Subject: Recommendation for the Installation of a Continuous Dune on Hollywood Beach

It is widely known that established dunes provide valuable protection to upland properties and infrastructure by serving as a buffer from storm damage and flooding caused by coastal waves/ elevated sea levels. They help prevent beach erosion caused by increased high tide and king tide events. Increased dune health and overall height also helps to prevent breaches and overtopping from wave action that can cause washout of upland property and damage to upland structures.

Vegetated dunes also provide habitat to a distinctive subset of regional biota that is particularly well adapted to survive beach conditions (salt spray, periodic salt water inundation, periodic drought, soil erosion, dune migration, and harsh winds). Hollywood beaches support between 100 to 150 marine turtle nests annually, with each nest averaging 110 eggs, resulting in thousands of hatchling turtles during the year.

The City of Hollywood's Community Redevelopment Agency ("CRA") retained Moffatt & Nichol to prepare a preliminary Dune Master Plan that focuses on the initial goals outlined below:

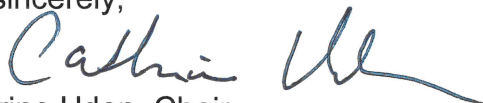
- Differentiate management zones based on current beach/dune features and adjacent upland use;
- Prioritize new dune locations for storm protection, enhanced ecology/aesthetics, and increased property values;
- Provide typical topographic design profile for new dunes;
- Establish native salt-tolerant vegetation palette for dune planting;
- Provide recommendations for further action items, studies, and/or assessments;
- Evaluate potential to "bank" mitigation credit with the Florida Department of Environmental Protection for completed dune restoration projects, and maintain new dunes in their permitted templates;
- Investigate the possibilities of future changes to the FEMA VE zone, which could lead to lower insurance premiums for adjacent property owners; and
- Discuss FDEP permitting instruments for Plan implementation

For all the reasons set forth above, the Parks, Recreation & Cultural Arts Advisory Board respectfully submits this letter to support our recommendation for you to take action as a Commission to establish a continuous dune along the entire length of Hollywood Beach and, to that end:

- Dedicate necessary funds, resources and personnel for the implementation and maintenance of this project
- Create an "Adopt A Dune" program to partner with school systems and community organizations
- Seek all available grant resources and private corporate funding for this project

Thank you for the opportunity to bring this important matter to your attention.

Most sincerely,

A handwritten signature in blue ink, appearing to read "Catherine Uden", with a stylized flourish at the end.

Catherine Uden, Chair
Parks, Recreation & Cultural Arts Advisory Board 2019