

BAL HARBOUR

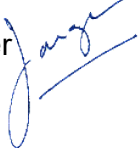
- V I L L A G E -

OFFICE OF THE VILLAGE MANAGER

LETTER TO COUNCIL

NO. 006-2021

To: Mayor Gabriel Groisman and Members of the Village Council

From: Jorge M. Gonzalez, Village Manager 

Date: January 15, 2021

Subject: **Bal Harbour Beach Army Corps of Engineers (USACE) Sand Nourishment Project Update**

The purpose of this Letter to Council (LTC) is to provide an update regarding the planned Army Corps of Engineers Sand Nourishment Project. This information will also continue to be provided within the quarterly Capital Program Status Reports.

On March 20, 2020, The Florida Department of Environmental Protection (FDEP) issued a Request for Additional Information (RAI), to the U. S. Army Corps of Engineers (USACE). The RAI largely focuses on questions related to the flood shoal borrow area - dredging details, geotechnical data, and resources in close proximity to borrow area. There are also questions related to the sand compatibility of the proposed upland sand sources in the RAI.

The Village in collaboration with our retained Coastal Engineer, Cummins Cederberg, Inc. continue to monitor the progress of this project during the permitting phase.

On April 3, 2020, The Village received the Notice of Availability (NOA) of the draft Environmental Assessment (EA) and proposed Finding of No Significant Impact (FONSI) for the beach re-nourishment of Bal Harbour Beach, Miami-Dade County, Florida, under the Dade County Beach Erosion Control and Hurricane Protection Project (BEC&HPP).

The draft EA evaluates the use of four additional sand sources for re-nourishment of Bal Harbour Beach: dredged material from the Bakers Haulover Inlet (BHI) Channel and the BHI Flood Shoal, upland sand mine Garcia Family Farm, LLC in Henry County (Garcia), and upland sand mine Cemex Construction Material Florida, LLC in Polk County (Cemex). Potential borrow area alternatives for the Bal Harbour Beach re-nourishment evaluated in other EAs/FONSIs, were also discussed within the evaluation.

The draft EA and proposed FONSI for the evaluation of additional sand sources for the Bal Harbour Beach segment of the Dade County BEC&HPP are available for your review on the Corps Environmental planning website under Dade County at the following link: <http://www.saj.usace.army.mil/About/Divisions-Offices/Planning/Environmental-Branch/Environmental-Documents/>

(On that page, click on the "+" next to "Dade" and scroll down to the project name.)

During the month of August 2020, the final Environmental Assessment (EA) and proposed Finding of No Significant Impact (FONSI) for the beach re-nourishment of Bal Harbour Beach, Miami-Dade County, Florida, under the Dade County Beach Erosion Control and Hurricane Protection Project (BEC&HPP) was released by the Army Corps of Engineers.

The Florida Department of Environmental Protection Agency issued the Final Order Permit Number 0307741-005-JM on December 8, 2020 to the U.S. Army Corps of Engineers (USACE) and Miami-Dade County authorizing the Bal Harbour Nourishment Project and no challenges to the permit were received.

Sand will be excavated from the Bakers Haulover Inlet Ebb Shoal Complex, as well as, trucked in from approved upland sand mines. Approximately 101,000 cy of material will be dredged from the Bakers Haulover Inlet Ebb Shoal Complex, which includes the ebb shoal and its pipeline corridor and a onetime only dredging of the Bakers Haulover Inlet Flood Shoal Complex, which includes the flood shoal, portions of the Intracoastal waterway (IWW), portions of the eastern channel inshore of the inlet and its pipeline corridor.

The other 110,000 cy will be hauled by truck from one or more of the four approved sand mines:

- Garcia Mining Company Sand Mine
- Cemex USA Davenport Sand Mine
- E.R. Jahna Industries, Inc. Ortona Sand Mine
- Vulcan Materials Witherspoon Sand Mine

Village Environmental Consultant, Cummins Cederberg estimates 7,910 trucks will be required to bring the permitted volume of sand to the Village, or between 94-124 trucks per day. FDEP Permit No. 0307741-005-JM supersedes Permit No. 0307741-002-JC. The permit expires July 11, 2028; its first authorized project is expected to be constructed in Summer 2021. The Final Water Quality Certification (WQC) was obtained in the issuance of the FDEP Permit on December 8, 2020.

The County Commission is scheduled to hear and vote on a resolution authorizing the conveyance of County-owned sand to the USACE for removal from the Haulover Flood Shoal to be used for beach renourishment on state-owned beaches on January 20, 2021.

Since the Village does not have any lands available to provide the Project Contractor with a staging location, Miami Dade County requires the permission from the National Parks

Service National Park Service (NPS) to utilize a portion of Haulover park for staging and beach access as a non-recreational use.

Due to the remaining required approval from the National Parks Service (NPS), the Project Schedule was once again revised with the revisions detailed below.

Work Schedule:

- FDEP Permit application (new or modification) 12/30/19
- FDEP Permit issuance ~~June 3, 2020~~ (December 10, 2020)
- MDC Commission (January 20, 2021)
- BCOE Certification (February 24, 2021)
- Advertise ~~September 2020~~ (March 3, 2021)
- Bid Opening ~~October 2020~~ (April 1, 2021)
- Award ~~November 2020~~ (May 3, 2021)
- Construction begin ~~February-March 2021~~ (June/July 2021)
- Construction period is estimated to be two hundred seven (207) working days from date of the start of construction.

Village staff continues to participate in the Project Planning meetings. The revised work schedule shown above was obtained prior to the next meeting which is scheduled for January 21, 2021. Any further changes to the project schedule will be provided to you as they are received.

JO/JMG