

July 16, 2026

WildBlue Community Development District

Attn: Mr. John Bulcholz
2300 Glades Road, Suite 410W
Boca Raton, Florida 33431

Dear Mr. Bucholz:

Cummins Cederberg was retained by the WildBlue CDD to design shoreline stabilization for the north shore of the main portion of the lake (Phase 1), which sustained damage during Hurricane Ian. Significant erosion of the shelf was realized during the storm resulting in lower shelf elevations and retaining wall failure. A coastal engineering analysis was completed to develop the design based on relevant design criteria including waves, erosion, scour, soil characteristics, and existing topography/bathymetry. The final design included a rock revetment supported by a marine mattress with geotextile underlay.

The main portion of the lake is exposed to long fetches, which can produce large waves and associated shelf erosion and scour during extreme conditions. The marine mattress was included to provide a stable foundation for the armor stone and to protect the exposed shelf from further erosion and scour, which may result in the armor stone becoming unstable, rolling off the shelf into the deeper parts of the lake, and ultimately revetment failure.

The shoreline along Blue Breeze Drive (i.e., the land bridge) is more sheltered than the main portion of the lake. This section of shoreline was not exposed to large waves, erosion and scour during Hurricane Ian due to the direction of winds during the storm; therefore, this area sustained less damage. Further, this area may have a wider shelf, which provides more buffer during storm conditions. If there are more storms, including those approaching from different directions, further erosion may cause damage to the revetment as the buffer is now narrower.

Sincerely,
CUMMINS CEDERBERG, Inc.



Jordon Cheifet, PE, CFM
Director, Office Lead