

Less than 1 Foot Rise Certification

Client/Owner: Marie Colon

Contractor: Unknown

Property Description: 0.92 Acres in Columbia County, FL

Structure(s) in Flood Area: Not Specified

Parcel ID#: 00-00-00-01009-000

Project Address: 1081 SW Nebraska Terr.
Fort White, Florida 32038

Impact of Storage Volume Reduction - Calculations

Flood Map for Property: 12023C 0459C and/or 12023C 0467C
Elevation of 100 yr flood: ~33.30 NAVD88, Zone AE

Length of river reach between
BFE and BFE +1 foot: greater than 2.4 miles = 12,600 ft

Width of floodplain: 2,500 ft (in Columbia County only)

Effective Flood Area: $2,500 \text{ ft} * 12,600 \text{ ft} = 31,500,000 \text{ ft}^2$

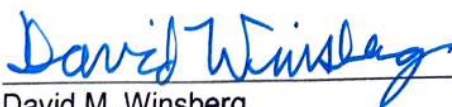
Depth of proposed Fill\Obstruction: Less than 10ft

Area of proposed Fill\Obstruction: Less than 0.92 acres (40,000 ft²)

Volume of proposed Fill\Obstruction: Less than 10ft * 40,000 ft² = 400,000 ft³

Flood Elevation Increase
due to reduction of storage volume: $400,000 \text{ ft}^3 / 31,500,000 \text{ ft}^2 = \mathbf{0.0127 \text{ ft}}$

I hereby certify that construction of the proposed structure(s), fill, and/or obstruction(s) as specified in this letter will not cause the flood waters of the surrounding area to rise greater than 1 foot due to a reduction in storage volume. The property is not inside any regulatory floodway.



David M. Winsberg
PE# 68463, CA# 29596
July 3, 2023

