

Newton Crk @ Trinity River

Proposed boat channel dredge location and spoil deposit area.

Proposed Boat Channel Path

Proposed Dredge Areas

Green outline area does not require any dredging

Proposed primary dredge spoil area. Approx. 53,000 sqft

Newton Creek

Trinity River

Google Earth

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500 ft



Newton Creek Connector Boat Channel Project

Newton Crk @ Trinity River

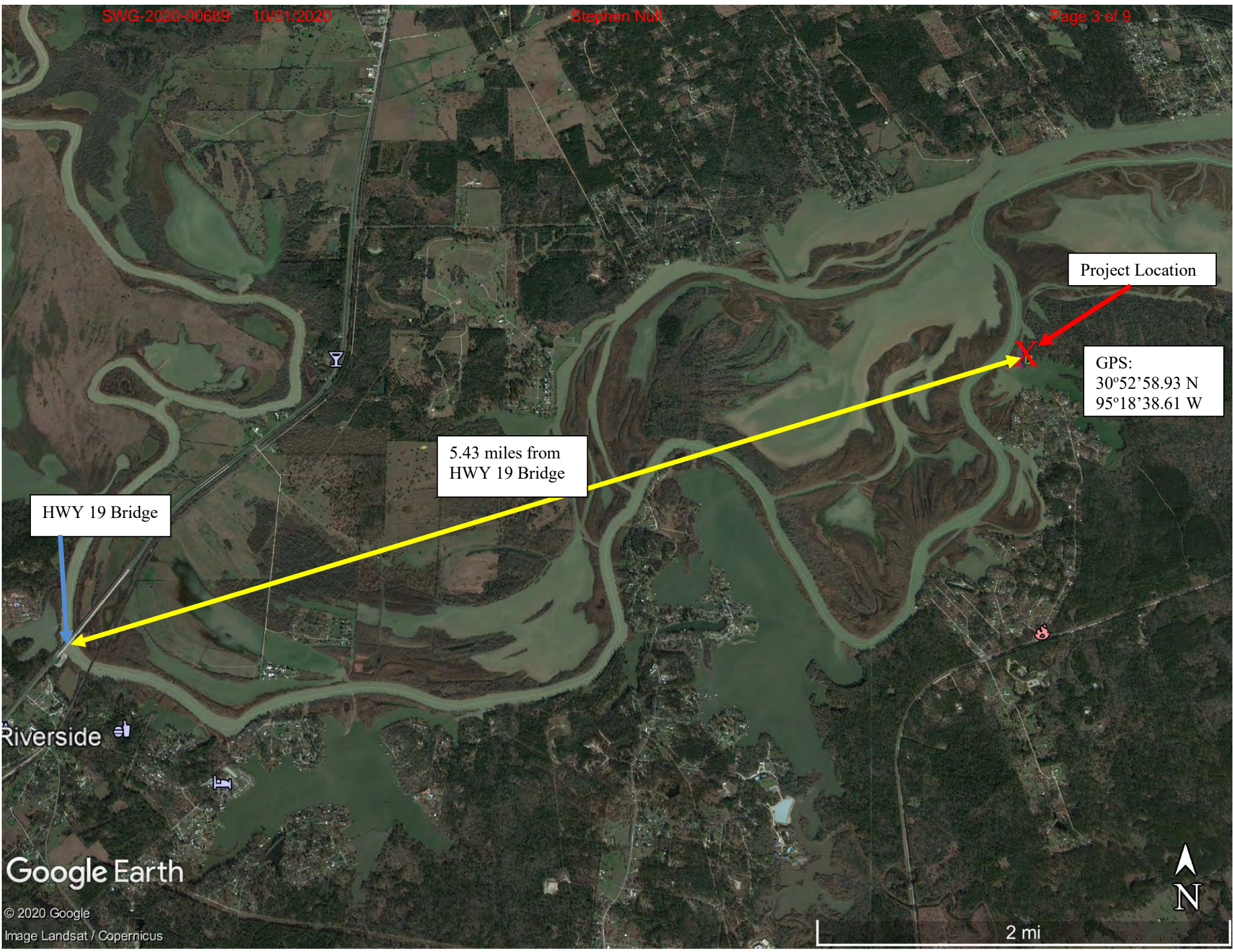
Proposed boat channel dredge location and spoil deposit area.

Trinity River

Newton Creek

Lakeside Village





Project Location

GPS:
30°52'58.93 N
95°18'38.61 W

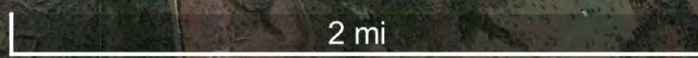
5.43 miles from
HWY 19 Bridge

HWY 19 Bridge

Riverside

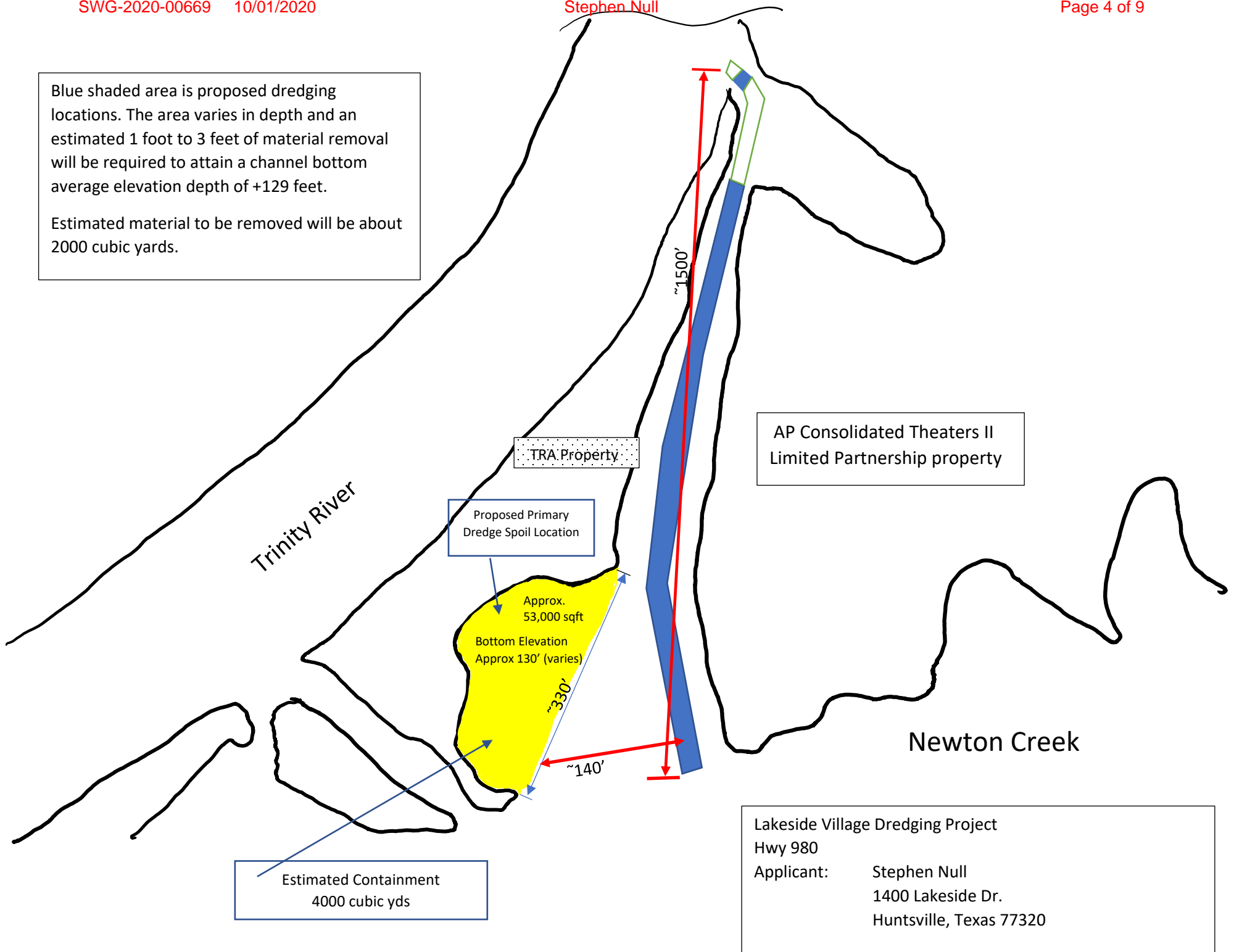
Google Earth

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Image Landsat / Copernicus



Blue shaded area is proposed dredging locations. The area varies in depth and an estimated 1 foot to 3 feet of material removal will be required to attain a channel bottom average elevation depth of +129 feet.

Estimated material to be removed will be about 2000 cubic yards.



AP Consolidated Theaters II
Limited Partnership property

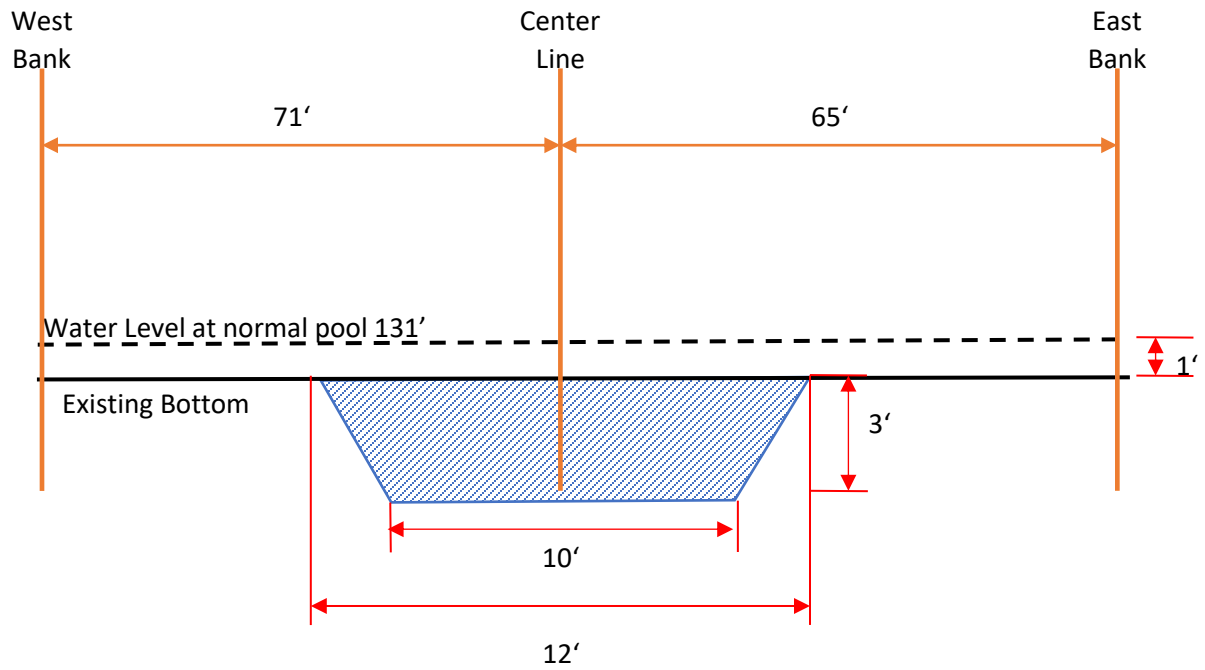
Proposed Primary
Dredge Spoil Location

Approx.
53,000 sqft
Bottom Elevation
Approx 130' (varies)
~330'
~140'

Estimated Containment
4000 cubic yds

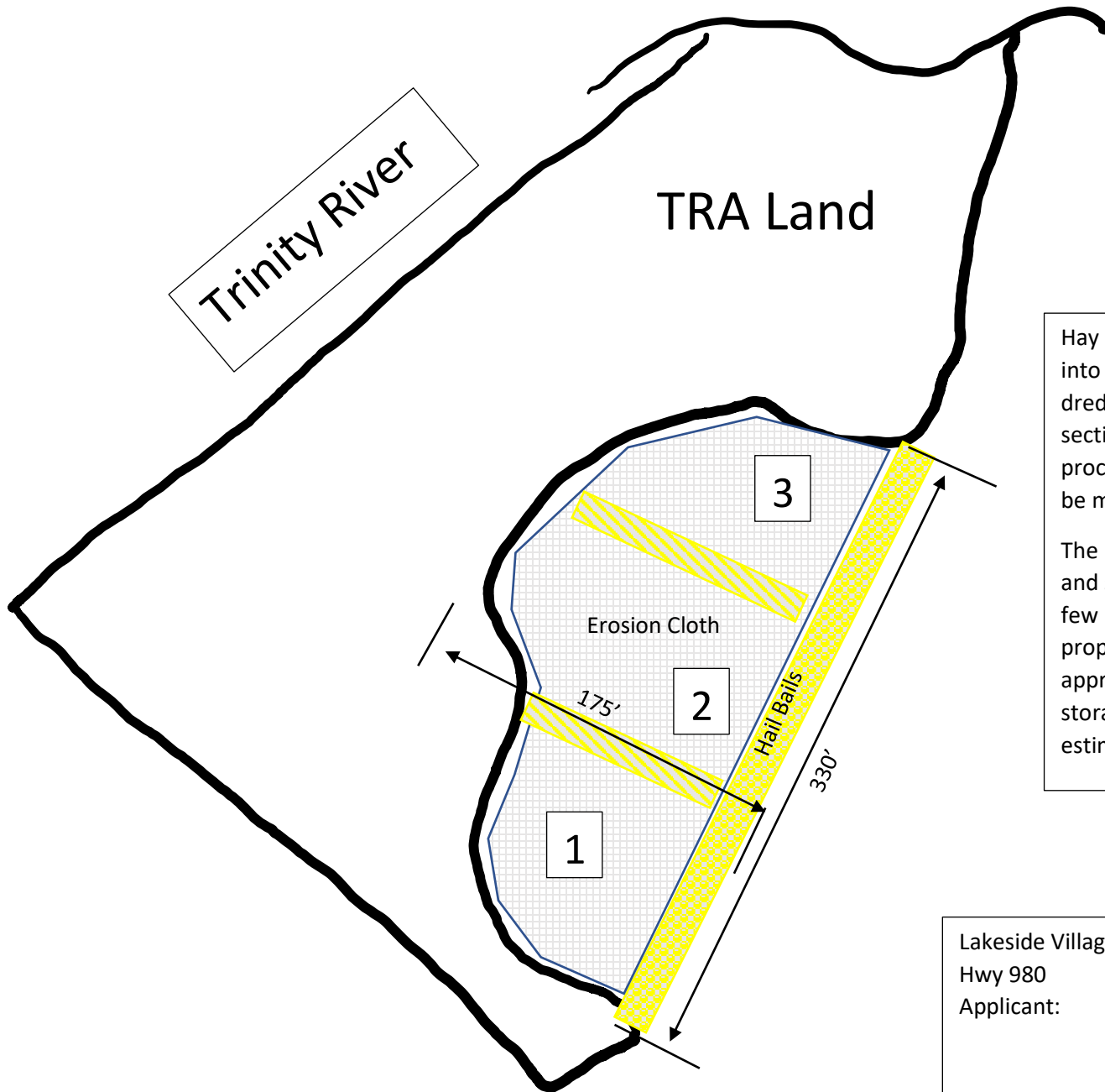
Lakeside Village Dredging Project
Hwy 980
Applicant: Stephen Null
1400 Lakeside Dr.
Huntsville, Texas 77320

Newton Creek Connector to Trinity River



Dredge material to be removed is estimated to be about 2000 cubic yards

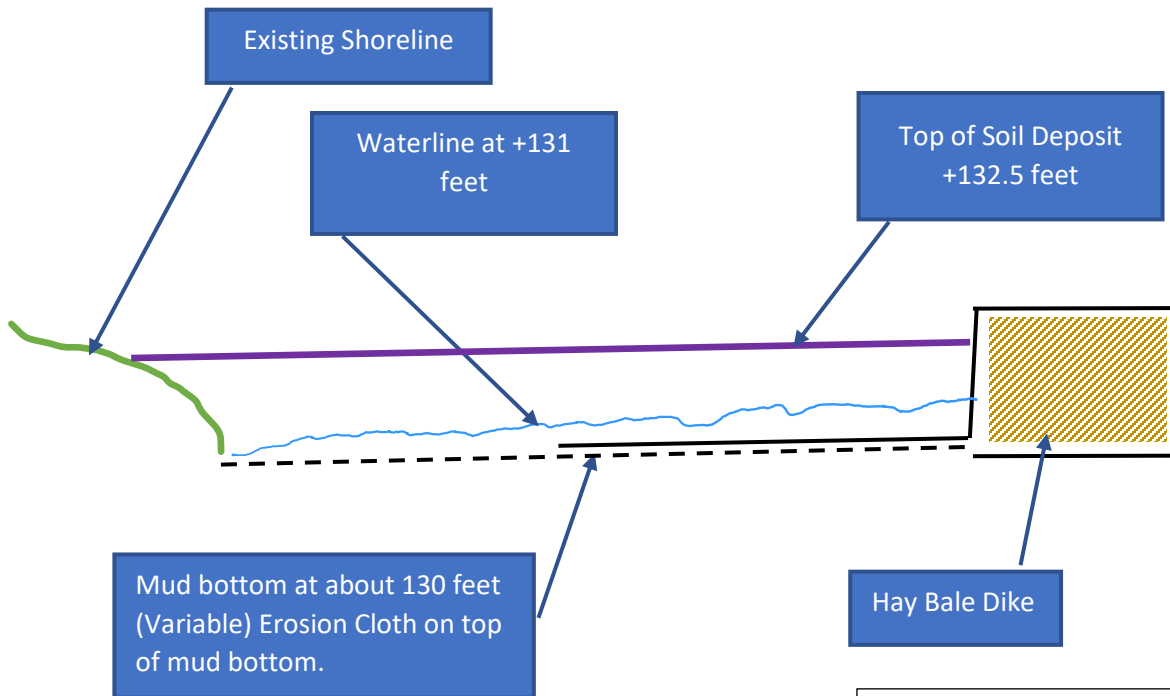
Detail of Dredge Spoil Proposed site



Hay bails and erosion control cloth will be installed into this area in sections as need determines during dredging process. The drawing is an example of sectioning on an as needed basis as the project proceeds. The actual number of sections used may be many more than depicted in the drawing.

The proposed area is a very shallow soft, silt mud and sand that ranges from no water coverage to a few inches at normal pool of 131 feet. The proposed dredge material top of soil will be approximately 132 feet in elevation. This soil storage containment area will exceed the estimated need by a factor of 2 times.

Lakeside Village Dredging Project
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Note: Spoil deposits are expected to seed with existing materials naturally occurring in the soil material. Additional consultation will be done with Texas Parks and Wildlife to determine if any additional seeding would be beneficial to promote wildlife habitat.

Hay bale dike consists of hay bales wrapped in erosion cloth and positioned to establish containment, filtering, and dewatering of dredge materials. Erosion cloth will extend sufficient distance to existing island to contain spoils from returning to lake.

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Picture taken on 9-3-20 with the lake level of approximately +130.3. Picture is taken from the area of the proposed boat channel to the east, looking at the shallow cove on the west side of the island and the proposed dredge spoil deposit area.



View of the proposed western edge of boat channel marked with the PVC poles. Also, the Northwest edge of the proposed dredge spoil area. Lake level at time of photo was about +130.3.

Western corner of proposed dredge area.

Section of proposed boat channel location.