



Structural Piling Inspection

05-19-2022

Gills Crane Service
116 Marlin Drive
Slidell, La.

Attn: Ryan Audubert

Ref: 34 South Roadway
New Orleans, LA 70124

On April 16, 2022, a commercial dive team performed a one day above-water and underwater inspection of the existing timber support piles at the above residence.

The inspection was limited to the above-water and underwater portions of the timber piles supporting the home. The purpose of the inspection was to observe and document the existing condition, spacing, and dimensions of the timber piles, identify the limits of damage on the piles, and assess the overall condition of the piles.

The inspection included visual and tactile inspections of the accessible portions of the timber piles.

The overall observed condition of the timber piles was fair. Conditions observed were that there was approximately 20 percent of loss to each timber pile due to corrosion. This corrosion is mostly occurring 2 feet below the natural water surface on each piling. The approximate distance between each piling is 12 feet. Depth of piling ranges from 3 feet at shoreline to 14 feet. The total number of pilings that were inspected was 24. 4 of the 24 pilings are wrapped in (hdpe) high-density polyethylene.

The recommendation for the remaining 20 timber piles that are providing support for the residence mentioned above is to encapsulate the pilings with 5,000 psi concrete to reinforce the deteriorated piling. Due to the size of the pilings (14"), it is not critical that this be done immediately but recommended to be done within the next 3 years.

Sincerely,
Brian Mistich
Brian Mistich, P.E.



This inspection is limited to the apparent visual conditions of the structural components of this building. It does not cover, nor attempts to cover, any components, items, and/or conditions which, by their nature or location, are concealed or are difficult or hazardous to inspect, or which require the moving of furniture, flooring materials, rugs, fixtures, appliances, or any component-part nailed, bolted, or screwed down or shut. No opinions are expressed regarding conditions which could be discovered only by the disassembly of any component parts, special testing, or removal of any concealing objects.

Inspections are made under normal weather conditions, and are not opinions of the conditions of the property and/or structure which may exist under unusual weather conditions, such as, but not limited to floods, heavy rains or snows, high winds, temperature extremes, or any act of God. Specific hazardous wastes, toxic substances, toxic mold, air and water quality, communicable diseases, asbestos, soil, environmental, radon, carbon monoxide, formaldehyde, building code and termite conditions are not included in this report unless otherwise stipulated.

This report is not a warranty or guarantee of the property inspected, but it is our opinion of its condition at the time inspected. Our liability shall be limited to reimbursement of the total cost of inspection.