



Notice of Dye Tracer Study
November 23, 2020

Alabaster Water Board recently completed construction of a new test well on 1st Avenue West. An aquifer pump test is currently being conducted on the test well to evaluate the capacity of the test well and a dye tracer study will be initiated to evaluate the hydraulic connectivity between local surface waters and the groundwater aquifer.

The Alabaster Water Board in coordination with the Geologic Survey of Alabama will begin a dye tracer study on Monday, November 30th weather permitting. Brightly colored red, green or orange dye will be introduced into the lake at the intersection of Old Hwy 31 and Hwy 31, into Buck Creek near Depot Street and Thompson Road and into Buck Creek at 1st Avenue West in Alabaster. The dye is harmless to people, animals and plants and will dissipate with time.

Dye sampling will be conducted at the test well during the aquifer pump test to determine the presence or absence of the dye. The presence of dye will indicate a direct connection between the surface water and groundwater aquifer. Results from the pump test and dye tracer study will be used to evaluate the capacity of the well and the level of treatment that will be required to convert the test well into a new water supply well. Please contact the Alabaster Water Board at 205-663-6155 for further information.