

HOBBS, UPCHURCH & ASSOCIATES, P.A.



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Robbins Wastewater Treatment Plant Town of Robbins, North Carolina

The Robbins Municipal Wastewater Treatment Facility originally constructed in 1966, was upgraded in 1986 to a complete mix activated sludge plant with a design flow of 1.0 MGD.

The 201 Facilities Plan Update for the Town of Robbins WWTP required an Environmental Assessment and an alternatives analysis to be performed prior to approval. The increased discharge to the Deep River in a designated High Quality Water area heightened the need for careful considerations of the effects of the direct and indirect impacts on the water quality in the river. Following the Town's review, commitments from local industry and the State SRF review it was determined to retrofit the existing WWTP

Because of the projected demands of increased flows, infiltration/inflow, and the need for phosphorus removal and more stringent limits of a discharge to high quality waters, Hobbs, Upchurch and Associates was contracted to provide an update to the 201 Facilities Plan, design an upgrade and expansion of the existing facilities, and administer and inspect construction of the project.