



Figure 6. Drawdown (ft) in the Floridan Aquifer after 4 years of pumping.

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Figure 6. from “Updated Industrial Groundwater Withdrawal Permit Application” as supplied by GA-EPD on February 9, 2024.

On page 2, of that permit application, “Because no physical boundaries can be defined over reasonable distances in the Floridan Aquifer, we arbitrarily chose a radius of 44,608 ft, twice the distance between the boundary of the ONWR and the nearest pumping well.”

A radius of 44,608 feet reaches all the way down the St. Marys River to the Middle Prong St. Marys River, up through Moccasin Bay and Moccasin Creek, to where Cross Branch crosses the state line back into Georgia, and back into the ONWR, in the southeast corner of Ware County, Georgia, and including Moniac in Charlton County, Georgia.

A radius of 44,608 feet also reaches east under the Cherokee of Georgia Tribal Grounds and St. George, across the state line into Nassau County, Florida, as well as downstream on the St. Marys River as far as Boone Creek.