

### 3 WELL SURVEY

TTL conducted a well survey to determine location of public and/or private supply wells located adjacent to the proposed Saunders Mine. TTL contacted the Charlton County Health Department, Environmental Health Division for supply well information in the area. Charlton County reported no public supply wells are located in the vicinity of the proposed Saunders Mine. Charlton County representatives indicated that most all residences in the area would be on well water since there were no public water utilities in the area.

TTL contacted a local licensed professional water well driller. The driller indicated that domestic supply wells in the area would most likely be constructed to depths of about 100 to 140 feet below ground surface, into the Intermediate Aquifer within the Upper Hawthorn Group sediments.

TTL also contacted Fulghum Fibers, a wood chipping mill located approximately 1 mile east of the proposed Saunders Mine. A representative for Fulghum Fibers stated that they have three operating potable water wells on-site, though he did not have well construction details for the wells.

In order to determine the location and estimated number of private domestic supply wells that would be located adjacent to the proposed Saunders Mine, TTL reviewed the Charlton County Tax Assessor maps to identify adjacent residences. Under the assumption that every residential structure (not including utility type buildings) would have a domestic supply well, the following table lists the inventory of estimated well sites by street address. Based on this survey, there are an estimated 11 private supply wells that would be located in the project vicinity, including the supply wells located at the Fulghum Fibers facility

Address	Number of Structures	Estimated Number of Wells
8006 GA-HWY 94	1	1
8024 GA-HWY 94	1	1
8208 GA-HWY 94	1	1
8242 GA-HWY 94	2	2
8296 GA-HWY 94	1	1
8374 GA-HWY 94	1	1
8422 GA-HWY 94	1	1
8906 GA-HWY 94	NA (Chip Mill)	3
	<b>Total Estimated Wells</b>	<b>11</b>