Table 5-1: 2050 Municipal Forecast versus Groundwater Permitted Capacity				
County	**2015 Public Demand Forecast (AAD – MGD)**	**2050 Public Demand Forecast (AAD – MGD)**	**Existing Groundwater Permitted Capacity (AAD-MGD)**	**Additional Permitted Capacity Needed in 2050 (MGD)***
Cook	1.29	1.36	4.00	-
Echols	0.08	0.07	0	0.07
Irwin	0.52	0.43	0.70	-
Lanier	0.60	0.83	0.70	0.13
Lowndes	12.35	16.60	19.04	-
Pierce	0.71	0.96	0.83	0.13
Tift	4.50	5.16	9.18	-
Turner	0.74	0.41	1.90	-
Ware	3.32	3.00	7.40	-
*Analysis does not account for demands in one County that may be met by permits from another County				

5.2. Surface Water Availability Comparisons

Surface water is an important resource used to meet current and future needs of the Suwannee-Satilla Region, especially in the agricultural sector. There are several surface water planning nodes located in and around the Suwannee-Satilla Region. From the updated Surface Water Availability Resource Assessment (EPD, 2017), the basic conclusions of the current and future conditions modeling show potential surface water gaps (i.e., times when there may be insufficient water to meet off-stream demands and also meet the targets for support of instream uses) at the following nodes:

- Atkinson (Satilla River) – potential surface water gaps under current and future conditions
- Fargo (Suwannee River) – no significant surface water gaps modeled under current and future conditions
- Gross (Saint Marys River) – no significant surface water gaps modeled under current and future conditions
- Jennings (Alapaha River) – potential surface water gaps under current and future conditions
- Lumber City (Ocmulgee River) – no significant surface water gaps modeled under current and future conditions.