

Due to the large watershed and groundwater basins which contribute to the LSFIR system, the impacts are from both local and regional withdrawals. Results indicate that the majority of the cumulative estimated impacts attributable to water use withdrawals occur within the Partnership area, ranging from about 77% of the decline in flow at the Hwy 27 gage to 83% of the decline in flow at the Fort White gage. The impacts range from about 37% to 43% for SRWMD and 35% to 45% for SJRWMD (Table 4).

*Table 3. Percent of 14-18AVG withdrawal impacts by region and compliance gage for the entire modeled domain*

Region	Lower Santa Fe Fort White	Lower Santa Fe Hwy 441	Ichetucknee Hwy 27
SJRWMD	40%	46%	36%
SRWMD	44%	37%	42%
NWFWMD	<1%	<1%	<1%
SWFWMD	<1%	<1%	<1%
Out-of-State	15%	17%	22%

\*Numbers may not add to 100% due to rounding

Combined 14-18AVG withdrawals from out of state contribute to approximately 15% of the decline in flow at the Fort White gage, 17% of the decline in flow at the Hwy 441 gage and 22% of the decline in flow at the Hwy 27 gage within the entire modeled domain (Table 3).

*Table 4. Percent of 14-18AVG withdrawal impacts by compliance gage for the Partnership area*

Region	Lower Santa Fe Fort White	Lower Santa Fe Hwy 441	Ichetucknee Hwy 27
SRWMD portion of the Partnership area	43%	37%	42%
SJRWMD portion of the Partnership area	39%	45%	35%
Total	83%	82%	77%

\*Numbers may not add to 100% due to rounding

Although the cumulative impacts are similar between the two Districts, the primary water use categories contributing to impacts on the MFLs are different between the two Districts. Impacts due to public supply withdrawals represent up to 6% and 32% of the total impacts for the SRWMD and the SJRWMD portions of the Partnership area, respectively (Tables 5 and 6). The other large use category is agricultural water use; consumptive uses authorized by an individual permit and those authorized pursuant to a general permit by rule account for up to 26% and 2% of the impacts for the SRWMD and the SJRWMD portions of the Partnership area withdrawals, respectively. Combined impacts from the remaining use types (Commercial/Industrial/Institutional & Mining/Dewatering, Domestic Self-Supply, Landscape/Recreation, Power Generation, Other) account for up to approximately 12% of the impacts to the LSFIR system for both the SRWMD and the SJRWMD portions of the Partnership area withdrawals (Tables 5 and 6).