Table 9-17 -- *Continued*

Model (HUC8)	HSPF Model Reach	Calibration Gauge	USGS Data Quality Water Year 2009*	Observed Mean Monthly (cfs)	Simulated Mean Monthly (cfs)	Monthly Percent Bias (%)	Monthly Nash-Sutcliffe
03100208	1	02313100	fair	622	688	-11	-3.61
				Discharge computed from relation between artesian pressure at Rainbow Springs well and discharge at measuring site. Representation of springs in HSPF is coarse.			
03110101	15	02313700	poor	183	207	-13	0.58
03110102	7	02324000		245	211	14	0.71
	18	02324400	fair	35	64	-82	0.05
				Natural flow affected by large groundwater withdrawals by cellulose plant.			
	19	02324500	fair	117	109	7	0.38
				Natural flow of stream affected by large groundwater withdrawals and subsequent discharge to the Fenholloway River by cellulose plant about 2.4 mi upstream.			
	20	02325000	fair	165	115	30	0.33
				Natural flow of stream affected by large groundwater withdrawals and subsequent discharge to the Fenholloway River by cellulose plant about 10 mi upstream. Flow affected by backwater from Spring Creek at times. Neither the withdrawal nor the backwater are represented in the HSPF model.			
	11	02326000	good	129	130	-1	0.76
03110103	9	02326526	poor	437	468	-7	-0.87
	20	02326550	poor	938	1045	-11	0.20
				Flow affected by tide, which HSPF cannot directly model. Monthly and longer frequency should match better as indicated by the acceptable monthly bias.			
03110201	44	00231427S		136	135	1	0.72
	45	02314500	fair	784	625	20	0.83