## Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

				•				
Daily Target	Flow for			5/10/2022	to	5/16/2022	288	cfs
Observed Stage	Data							
_	Data	Variable				F /C /2022	Value	l loit
Station NGA 3A (Average for Si	:to C2 C4 and C5)	<u>Variable</u>			on	5/6/2022	<u>Value</u>	
NCA-3A (Average for Si NESRS2	ite 63, 64 and 65)	Average Daily Stage Average Daily Stage						ft-NGVD29 ft-NGVD29
Regulatory Stage WCA-	3A	Average Daily Stage						ft-NGVD29
Observed Flow I	Data							
Station		Variable	From	4/30/2022	to	5/6/2022	Value	Unit
S-12A		7-day Average Daily Flow					0	cfs
S-12B		7-day Average Daily Flow					0	cfs
S-12C		7-day Average Daily Flow					3	cfs
S-12D		7-day Average Daily Flow					13	
S-333		7-day Average Daily Flow						cfs
S-333N		7-day Average Daily Flow					0	
S-334		7-day Average Daily Flow					0	
S-12s Total		7-day Average Daily Flow					16	cfs
5333 + S333N - S334 <sup>1</sup>		7-day Average Daily Flow						cfs
Total Flow to ENP		7-day Average Daily Flow					200	cfs
Meteorological	Data							
<u>Forecasted</u>			From	5/7/2022	to	5/13/2022	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative	Precipitation Forecas	t (QPF)					0.31	in
3AS3WX - 7-day Total Forecasted PET							1.18	in
Observed			From	4/30/2022	to	5/6/2022	Value	Unit
WCA-3 7-day Total Obse			. ,			1.11		
3AS3WX 7-day Total Observed PET							1.18	
		TTFF A	pplicati	on				
1 Previous week target flow (calculated with forecasted 7-day QPF and PET)						319	cfs	
	Previous week target flow (recalculated with observed rainfall and PET)							cfs
	Adjustment for forecast (2-1)							cfs
	This week calculated target flow						281	cfs
5 This week target flow with adjustment (3 + 4)							288	cfs
Average Daily Target Flow <sup>2</sup>							288	cfs
		TTFF form	ula coefficien	ts				
WCA-3A Average Stage (β1)	NESRS2 Stage (β2)	Previous 7-day Average Flow (β3)	Forecast P	recipitation (β4)	Fo	recast PET (β5)	Regulation	Schedule Stage (
210 //2	11 62	0.644	i e	24 22	1	06.21		221.70

Target flow is distributed from east to west (S-333, S-12D, S-12D, S-12B, and S-12A) to prioritize water deliveries to NESRS first and WSRS second, subject to downstream constraints.

-96.31

318.42



 $<sup>^{1}</sup>$ S-333 + S-333N - S-334 becomes zero if the sum of S-333 and S-333N is less than S-334 flow. Calculation is done daily.

<sup>&</sup>lt;sup>2</sup>Actual discharges may vary from target discharges because of changing hydrologic conditions.