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

Daily Target Flow for	or		5/31/2022	to	6/6/2022	311	cfs
<b>Observed Stage Data</b>							
Station WCA-3A (Average for Site 63, 64 NESRS2 Regulatory Stage WCA-3A	Variable   and 65) Average Daily Stage   Average Daily Stage   Average Daily Stage			on	5/27/2022	6.65	<u>Unit</u> ft-NGVD29 ft-NGVD29 ft-NGVD29
Observed Flow Data							
Station     S-12A     S-12B     S-12C     S-12D     S-333     S-333N     S-334     S-12s Total     S333 + S333N - S334 <sup>1</sup> Total Flow to ENP     Meteorological Data     Forecasted     WCA3 7-day Quantitative Precipitat	. ,	From	5/21/2022	to	5/27/2022 6/3/2022	0 16 24 164 0 0 40 164 205 <u>Value</u> 2.23	cfs cfs cfs cfs cfs cfs cfs cfs cfs cfs
3AS3WX - 7-day Total Forecasted PET		From	F /24 /2022		F /27 /2022	1.36	
Observed WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET			5/21/2022	to	5/27/2022	<u>Value</u> 0.19 1.36	in
TTFF Application							
1Previous week target flow (calculated with forecasted 7-day QPF and Previous week target flow (recalculated with observed rainfall and 1 Adjustment for forecast (2-1) 43Adjustment for forecast (2-1) 44This week calculated target flow 55This week target flow with adjustment (3 + 4)Average Daily Target Flow <sup>2</sup>			)			-5 316 311	cfs cfs cfs
TTFF formula coefficients							
WCA-3A Average Stage (β1)   NESRS2 Stage (β2)   Previous 7-day Average Flow (β     318.42   -44.62   0.644			recipitation (β4) 24.32	Forecast PET (β5) -96.31		Regulation Schedule Stage (β6) -221.79	

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

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

