

Central Florida Water Initiative 2020

Minimum Flows and Levels and Reservations Team Scope of Work

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Background:

The Minimum Flows and Level and Reservations Team (MFLRT) is one of the technical teams established to conduct fact-finding regarding the guiding principles and collaborative process goals of the CFWI. The team initially provided support for development of the CFWI Regional Water Supply Plan, Volumes I and II, which, with their associated appendices, were adopted by the respective governing board of the South Florida Water Management District, Southwest Florida Water Management District and St. Johns River Water Management District in 2015. Subsequently, the MFLRT was designated as a sub-team of the Water Resources Assessment Team (WRAT), which was established to support the 2020 CFWI Guiding Principles.

Goal:

Support development of the 2020 CFWI area regional water supply plan.

Team Approach:

The Minimum Flows and Levels and Reservations Team will work as a Sub-team to the Water Resource Assessment Team in its collaboration with the Communications, Conservation, Regulatory, and Regional

Water Supply teams and under the guidance of the Steering Committee and Management Oversight Committee. The Minimum Flows and Levels and Reservations Team will also work in a collaborative manner with other Water Resource Assessment Sub-teams, including the Hydrologic Analysis, Environmental Measures, and Data Monitoring and Investigations teams.

Team Objectives and Scope of Work:

The Minimum Flows and Levels and Reservations Team will:

M1 – Support development of a reference condition for ECFTX modeling

Coordinate with the Water Resource Assessment and Regional Water Supply teams and associated Sub-teams to identify an appropriate reference condition for ECFTX model simulations and subsequent analyses supporting assessment of the status of minimum flows and levels, reservations, and wetlands without adopted minimum flows and levels within the CFWI area for the 2020 CFWI regional water supply plan.

M2 – Characterize the current and future status of adopted minimum flows and levels and reservations

Coordinate with the Water Resource Assessment and Regional Water Supply teams to provide a description of the current and future status of adopted minimum flows and levels and reservations within the CFWI area for the 2020 CFWI regional water supply plan.

Update “measuring sticks” for minimum flows and levels and reservations status assessments within the CFWI area using output from ECFTX model simulations for current and future conditions identified for the 2020 regional water supply plan.

M3 – Develop a technical appendix or supporting document on the current and future status of adopted minimum flows and levels and reservations for the 2020 CFWI regional water supply plan

Coordinate with the Water Resource Assessment and Regional Water Supply teams to prepare a technical summary appendix or supporting document for the 2020 CFW regional water supply plan that addresses methods, results and limitations associated with the characterization of current and future status of adopted minimum flows and levels and reservations.

M4 – Summarize current and future status of adopted minimum flows and levels and reservations for the 2020 CFWI regional water supply plan

Coordinate with the Water Resource Assessment and Regional Water Supply teams to summarize methods, results and limitations associated with the characterization of current and future status of adopted minimum flows and levels and reservations within the CFWI area for inclusion in the body of the 2020 CFWI regional water supply plan.

M5 – Summarize adopted prevention or recovery strategies for the 2020 CFWI regional water supply plan

Coordinate with the Water Resource Assessment and Regional Water Supply teams to summarize adopted prevention or recovery strategies for water bodies within the CFWI area for inclusion in the body of the 2020 CFWI regional water supply plan. This task will not involve development of new or amendment of adopted recovery or prevention strategies.

M6 – Support review of 2015 CFWI Plan “next steps”

Support the Water Resource Team’s review of the status of 2015 CFWI Plan “next steps” for reporting to the Management Oversight Committee.

Team Schedule:

Task	Start	Stop
M1 – Support development of a reference condition for ECFTX modeling	2/21/2018	5/31/2018
M2 – Characterize the current and future status of adopted minimum flows and levels and reservations	2/21/2018	1/31/2019
M3 – Develop a technical appendix or supporting document on the current and future status of adopted minimum flows and levels and reservations for the 2020 CFWI regional water supply plan	4/18/2018	1/31/2019
M4 – Summarize current and future status of adopted minimum flows and levels and reservations for the 2020 CFWI regional water supply plan	4/18/2018	2/28/2019
M5 – Summarize adopted prevention or recovery strategies for the 2020 CFWI regional water supply plan	4/18/2018	2/28/2019
M6 – Support review of 2015 CFWI Plan “next steps”	2/21/2018	To be determined