

Springs Coast Management Committee

Technical Working Group

May 26, 2021

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Southwest Florida
Water Management District

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TWG Objectives

To review and refine the SWIM Plan
quantifiable objectives.

Order of systems

Oldest to newest:

- Rainbow (Nov 2015)
- Crystal River/Kings Bay (Dec 2015)
- Weeki Wachee (Mar 2017)
- Chassahowitzka (Aug 2017)
- Homosassa (Aug 2017)

Crystal River/Kings Bay Quantifiable Objectives

Water Quality	Target
Water clarity - bay wide	>20 feet
Water clarity – spring areas	>60 feet ¹
Total nitrogen concentration in the bay	<0.28 mg/L ²
Total phosphorus concentration in the bay	<0.032 mg/L ²
Chlorophyll concentration in the bay	<2.0 µg/L ³
Water Quantity	
Minimum flows for the River and Bay system	TBD in 2017 ⁴
Natural Systems	
Coverage of desirable submerged aquatic vegetation in the bay	>65% ⁵
Coverage of invasive aquatic vegetation in the bay (including filamentous algae)	<10% ⁵
No net loss of shoreline in natural condition along the bay and river	No net loss
Increase of enhancement to disturbed shorelines for the bay and river	>20%

TWG Timeline

	Apr '21	May '21	July '21	Aug '21	Sep '21	Oct '21	Nov '21
TWG	(6) Rainbow River – 1	(4) Rainbow River – 2		(TBD) Crystal River – 1	(TBD) Crystal River – 2		
SCMC		(26) Discuss Rainbow River				(20) Discuss Crystal River	
SCSC			(28) Discuss Rainbow River				(10) Discuss Crystal River



Discussion

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