

Consolidated **Annual**  
**Report**  
*March 1, 2022*

# 2021 Priority List and Schedule

*for the Establishment of Minimum Flows,  
Minimum Water Levels and Reservations*



Southwest Florida  
Water Management District

# Chapter 2 2021 Southwest Florida Water Management District Priority List and Schedule for the Establishment of Minimum Flows, Minimum Water Levels and Reservations

## Overview

Pursuant to Sections 373.036(7) and 373.042(3), Florida Statutes (F.S.), the Southwest Florida Water Management District is required to annually update its priority list and schedule for the establishment of minimum flows and minimum water levels, submit the updated list and schedule to the Florida Department of Environmental Protection (DEP) by November 15<sup>th</sup> for approval, and include the approved list and schedule in the District's Consolidated Annual Report by March 1<sup>st</sup>. Minimum flows and minimum water levels are rules adopted by the state water management districts or DEP that define the limit at which further withdrawals would be significantly harmful to the water resources or ecology of the area. In addition to prioritized minimum flows and minimum water levels, the priority list and schedule must include reservations proposed for establishment. Reservations are rules that reserve water from use by permit applications, as necessary for the protection of fish and wildlife or public health and safety.

The District prepared this 2021 priority list and schedule to address all relevant statutory directives, and guidance concerning minimum flow, minimum water level and water reservation prioritization included in Rules 62-40.473, and 62-40.474 within the State Water Resource Implementation Rule (Chapter 62-40, Florida Administrative Code (F.A.C.) and in Rule 62.41.304 within the Regulation of the Consumptive Use of Water Rule (Chapter 62-41, F.A.C.) of the DEP that address the Central Florida Water Initiative Area defined in Section 373.0465(2)(a), F.S.

## Established Minimum Flows, Minimum Water Levels and Reservations

As of FY2021, District rules include minimum flows or minimum water levels for 202 water bodies (Chapter 40D-8, F.A.C.) and reservations for 2 water bodies (Chapter 40D-2, F.A.C.). As listed below, minimum flows or water levels are established for 126 lakes, 34 wetlands, 23 freshwater and estuarine river segments, 10 springs or spring groups (including all first magnitude springs and all second magnitude springs within the District that occur within state or federal lands purchased for conservation purposes), 7 Upper Floridan aquifer (UFA) sites in the northern Tampa Bay area, an UFA site in the Dover/Plant City Water Use Caution Area, and the UFA in the Most Impacted Area of the Southern Water Use Caution Area. In addition, 127 minimum flow or level reevaluations have been completed to confirm or support the revision or repeal of established minimum flows or minimum water levels. As also listed below, reservations have been established for Lake Hancock/Lower Saddle Creek and Morris Bridge Sink to support minimum flow recovery in 2 rivers.

## Water Bodies with Adopted and Effective Minimum Flow and Minimum Water Level Rules, Including Those That Have Been Reevaluated

- Alafia River (upper segment)
- Alafia River (lower segment)/Lithia-Buckhorn Spring Group
- Anclote River (lower segment)
- Anclote River (upper segment)
- Braden River (upper segment)
- Chassahowitzka River/Chassahowitzka Spring Group (an Outstanding Florida Spring) and Blind Spring (reevaluated)
- Citrus County Lakes – Ft. Cooper, Tsala Apopka – Floral City, Inverness, and Hernando Pools

- Crystal River/Kings Bay Spring Group (an Outstanding Florida Spring)
- Crystal Springs
- Dona Bay/Shakett Creek System
- Dover/Plant City Water Use Caution Area Minimum Aquifer Level
- Gum Slough Spring Run
- Hernando County Lakes – Hunters (reevaluated), Lindsey (reevaluated), Mountain (reevaluated), Neff (reevaluated), Spring, Tooke, Weeki Wachee Prairie, Whitehurst
- Highland County Lakes – Angelo, Anoka, Damon, Denton, Jackson (reevaluated), Little Lake Jackson (reevaluated), June-in-Winter, Letta (reevaluated), Lotela (reevaluated), Placid, Tulane, Verona
- Hillsborough County Lakes – Alice (reevaluated), Allen (reevaluated twice), Barbara (reevaluated), Bird (reevaluated twice), Brant (reevaluated twice), Calm (reevaluated), Carroll, Charles (reevaluated), Church (reevaluated), Crenshaw, Crescent, Crystal (reevaluated twice), Cypress (reevaluated), Dan (reevaluated), Deer (reevaluated), Dosson (reevaluated twice), Echo (reevaluated), Ellen (reevaluated), Fairy [Maurine] (reevaluated), Garden, Halfmoon (reevaluated), Hanna (reevaluated), Harvey (reevaluated twice), Helen (reevaluated), Hobbs (reevaluated twice), Hooker, Horse (reevaluated), Jackson (reevaluated), Juanita (reevaluated twice), Keene, Kell, Little Moon (reevaluated), Merrywater (reevaluated twice), Mound, Platt, Pretty, Rainbow (reevaluated), Raleigh, Reinheimer, Rogers, Round (reevaluated), Saddleback (reevaluated twice), Sapphire (reevaluated twice), Starvation, Stemper (reevaluated), Strawberry (reevaluated), Sunset (reevaluated twice), Sunshine (reevaluated twice), Taylor (reevaluated), Virginia (reevaluated twice), Wimauma (reevaluated)
- Hillsborough County Wetlands – Cypress Bridge 32 (reevaluated), Cone Ranch 1 (reevaluated), Cone Ranch 2 (reevaluated), Cone Ranch 3 (reevaluated), Cone Ranch 4 (reevaluated), Cone Ranch 5 (reevaluated), Cone Ranch 6 (reevaluated), Eldridge Wilde 11 (NW-44) (reevaluated), Morris Bridge Clay Gully Cypress (MBR-88) (reevaluated), Morris Bridge Entry Dome (MBR-35) (reevaluated), Morris Bridge Unnamed (MBR-16) (reevaluated), Morris Bridge X-4 (MBR-89) (reevaluated)
- Hillsborough River (lower segment) (reevaluated)
- Hillsborough River (upper segment)
- Homosassa River/Homosassa Spring Group (an Outstanding Florida Spring) (reevaluated)
- Levy County Lake – Marion (reevaluated)
- Marion County Lakes – Bonable, Little Bonable, Tiger
- Myakka River (lower segment)
- Myakka River (upper segment)
- Northern Tampa Bay – 7 Wells – Upper Floridan aquifer/Saltwater Intrusion
- Pasco County Lakes – Bell, Big Fish (reevaluated), Bird, Buddy (reevaluated), Camp (reevaluated), Clear (reevaluated), Crews, Green, Hancock (reevaluated), Iola, Jessamine, King, King [East], Linda, Middle, Moon (reevaluated), Padgett (reevaluated), Parker aka Ann, Pasadena (reevaluated), Pierce (reevaluated), Unnamed #22 aka Loyce
- Pasco County Wetlands – Cross Bar Q-1 (reevaluated), Cross Bar T-3 (reevaluated), Cypress Bridge 4 (reevaluated), Cypress Bridge 16 (reevaluated), Cypress Bridge 25 (reevaluated), Cypress Creek W-56 (G) (reevaluated), Cypress Creek W-11 (reevaluated), Cypress Creek W-12 (reevaluated), Cypress Creek W-17 (reevaluated), North Pasco 3 (reevaluated), North Pasco 21 (reevaluated), South Pasco 2 (NW-49) (reevaluated), South Pasco 6 (NW-50) (reevaluated), South Pasco South Cypress (reevaluated), Starkey Central (reevaluated), Starkey Eastern (S-73) (reevaluated), Starkey M (S-69) (reevaluated), Starkey N (reevaluated), Starkey S-75 (reevaluated), Starkey S-99, Starkey Z (reevaluated)
- Peace River (lower segment) (reevaluated twice)
- Peace River (middle segment)
- Peace River (three upper segments – "low" minimum flows)
- Pinellas County Wetland – Eldridge Wilde 5
- Pithlachascotee River (lower segment)
- Pithlachascotee River (upper segment)
- Polk County Lakes – Annie, Aurora, Bonnie, Clinch (reevaluated), Crooked (reevaluated), Crystal, Dinner, Eagle (reevaluated), Easy, Eva, Hancock, Lee, Lowery, Mabel, McLeod (reevaluated), North Lake Wales, Parker (reevaluated), Starr (reevaluated), Venus, Wailes (reevaluated)
- Rainbow River/Rainbow Spring Group (an Outstanding Florida Spring)

- Sulphur Springs
- Sumter County Lakes – Big Gant, Black, Deaton, Miona, Okahumpka, Panasoffkee
- Southern Water Use Caution Area – Upper Floridan aquifer
- Tampa Bypass Canal
- Weeki Wachee River/Weeki Wachee Spring Group (an Outstanding Florida Spring)

## **Water Bodies with Adopted and Effective Reservation Rules**

- Lake Hancock/Lower Saddle Creek (water reserved to contribute to achieving minimum flows adopted for the three upper segments of the Peace River for the protection of fish and wildlife)
- Morris Bridges Sink (water reserved to contribute to achieving or maintaining minimum flows adopted for the lower segment of the Hillsborough River for the protection of fish and wildlife)

## **Prioritized Water Bodies for Establishment or Reevaluation of Minimum Flows and Minimum Water Levels**

Minimum flows and minimum water levels proposed for establishment or reevaluation through 2024 are listed by water body name in tabular form below. No reservations are prioritized for establishment or reevaluation during this period.

System name is provided for each water body to distinguish waterbodies that may be part of a larger system. All currently prioritized waterbodies are, however, sufficiently distinct so the waterbody name and system name are the same. Water body type, (i.e., lake, river, river-estuary or aquifer), is provided along with location information. District intent regarding completion of voluntary, independent, scientific peer review is also identified for each water body. Voluntary scientific peer review is proposed for the reevaluation of the Southern Water Use Caution Area Saltwater Intrusion Minimum Aquifer Level and minimum flows development or reevaluation for all prioritized river segments based on the expected level of complexity of the minimum level and flows, and the anticipated degree of public concern regarding their development. Recent technical work supporting the ongoing reevaluation of the minimum aquifer level and recovery strategy established for the Dover Plant City Water Use Caution Area indicated the established minimum level does not require revision, so the reevaluation effort was not subjected to voluntary peer review. Similarly, none of the prioritized lake minimum levels are expected to be subjected to voluntary scientific peer review, based on anticipated use of peer-reviewed methodologies for their development.

Prioritized water bodies that may be affected by withdrawals occurring in other water management districts, (i.e., are potentially subject to cross-boundary impacts, including those specifically associated with withdrawals from within the Central Florida Water Initiative area), are identified to support coordination of regulatory activities among the districts and DEP. Development of minimum flow or water levels by the DEP for any of these water bodies is not, however, currently considered necessary or appropriate.

The status of rulemaking for each prioritized water body is also provided.

## Minimum Flows and Minimum Water Levels to be Adopted in 2021.

New or Re-Evaluation	Waterbody Name or Compliance Point	System Name <sup>a</sup>	Waterbody Type	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts from Adjacent WMD? <sup>b</sup>	Latitude	Longitude	Rulemaking Status <sup>c</sup>
Reevaluation	Barbara, Lake	Barbara, Lake	Lake	Hillsborough	No	No	28.119731	-82.53585	Rule adopted, Ratification not required
Reevaluation (second)	Bird Lake (Hillsborough)	Bird Lake (Hillsborough)	Lake	Hillsborough	No	No	28.101972	-82.477898	Rule adopted, Ratification not required
Reevaluation (second)	Brant Lake	Brant Lake	Lake	Hillsborough	No	No	28.126385	-82.472292	Rule adopted, Ratification not required
Reevaluation	Clear Lake	Clear Lake	Lake	Pasco	No	No	28.341458	-82.263557	Rule adopted, Ratification not required
Reevaluation (second)	Crystal Lake (Hillsborough)	Crystal Lake (Hillsborough)	Lake	Hillsborough	No	No	28.133812	-82.476347	Rule adopted, Ratification not required
Reevaluation	Cypress Lake	Cypress Lake	Lake	Hillsborough	No	No	28.125561	-82.564727	Rule adopted, Ratification not required
Reevaluation (second)	Dosson Lake	Dosson Lake	Lake	Hillsborough	No	No	28.123102	-82.525484	Rule adopted, Ratification not required
Reevaluation	Ellen, Lake	Ellen, Lake	Lake	Hillsborough	No	No	28.121492	-82.535498	Rule adopted, Ratification not required
Reevaluation	Fairy, Lake (Maurine)	Fairy, Lake (Maurine)	Lake	Hillsborough	No	No	28.087859	-82.585813	Rule adopted, Ratification not required

Reevaluation	Halfmoon Lake	Halfmoon Lake	Lake	Hillsborough	No	No	28.097114	-82.548128	Rule adopted, Ratification not required
Reevaluation	Hancock Lake (Pasco)	Hancock Lake (Pasco)	Lake	Pasco	No	No	28.431778	-82.331527	Rule adopted, Ratification not required
Reevaluation	Hanna Lake	Hanna Lake	Lake	Hillsborough	No	No	28.137851	-82.446343	Rule adopted, Ratification not required
Reevaluation	Helen, Lake	Helen, Lake	Lake	Hillsborough	No	No	28.121749	-82.538791	Rule adopted, Ratification not required
Reevaluation (second)	Hobbs, Lake	Hobbs, Lake	Lake	Hillsborough	No	No	28.158855	-82.467706	Rule adopted, Ratification not required
Reevaluation	Hunters Lake	Hunters Lake	Lake	Hernando	No	No	28.442103	-82.620068	Rule adopted, Ratification not required
Reevaluation	Jackson, Lake	Jackson, Lake	Lake	Hillsborough	No	No	28.137542	-82.629974	Rule adopted, Ratification not required
Reevaluation (second)	Juanita, Lake	Juanita, Lake	Lake	Hillsborough	No	No	28.117501	-82.588931	Rule adopted, Ratification not required
Reevaluation	Lindsey, Lake	Lindsey, Lake	Lake	Hernando	No	No	28.62996	-82.366551	Rule adopted, Ratification not required
Reevaluation (second)	Merrywater, Lake	Merrywater, Lake	Lake	Hillsborough	No	No	28.123439	-82.487207	Rule adopted, Ratification not required
Reevaluation	Mountain Lake	Mountain Lake	Lake	Hernando	No	No	28.479237	-82.311162	Rule adopted, Ratification not required
Reevaluation	Neff Lake	Neff Lake	Lake	Hernando	No	No	28.478866	-82.324315	Rule adopted, Ratification not required

Reevaluation	Parker, Lake	Parker, Lake	Lake	Polk	No	No	28.067299	-81.931132	Rule adopted, Ratification not required
Reevaluation (second)	Saddleback Lake	Saddleback Lake	Lake	Hillsborough	No	No	28.120516	-82.494879	Rule adopted, Ratification not required
Reevaluation (second)	Sapphire Lake	Sapphire Lake	Lake	Hillsborough	No	No	28.140722	-82.481517	Rule adopted, Ratification not required
Reevaluation	Strawberry (North Crystal) Lake	Strawberry (North Crystal) Lake	Lake	Hillsborough	No	No	28.139517	-82.474755	Rule adopted, Ratification not required
Reevaluation (second)	Sunset Lake	Sunset Lake	Lake	Hillsborough	No	No	28.135008	-82.625607	Rule adopted, Ratification not required
Reevaluation (second)	Sunshine Lake	Sunshine Lake	Lake	Hillsborough	No	No	28.119743	-82.526032	Rule adopted, Ratification not required
Reevaluation	Taylor, Lake	Taylor, Lake	Lake	Hillsborough	No	No	28.136479	-82.612096	Rule adopted, Ratification not required
Reevaluation	Wimauma, Lake	Wimauma, Lake	Lake	Hillsborough	No	No	27.708483	-82.312368	Rule adopted, Ratification not required
New	Shell Creek (lower segment)	Shell Creek (lower segment)	River-Estuary	Charlotte	Yes	No	26.9844	-81.9358	N/A
Reevaluation	DV-1 Suwannee (Dover/Plant City Water Use Caution Area Minimum Aquifer Level)	DV-1 Suwannee (Dover/Plant City Water Use Caution Area Minimum Aquifer Level)	Aquifer	Hillsborough	No	No	27.9924	-82.2096	N/A

## Minimum Flows and Minimum Water Levels to be Adopted in 2022.

New or Re-Evaluation	Waterbody Name or Compliance Point	System Name <sup>a</sup>	Waterbody Type	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts from Adjacent WMD? <sup>b</sup>	Latitude	Longitude	Rulemaking Status <sup>c</sup>
Reevaluation	North Lake Wales	North Lake Wales	Lake	Polk	No	Yes <sup>d</sup>	27.9096	-81.5805	N/A
Reevaluation	Tulane, Lake	Tulane, Lake	Lake	Highlands	No	Yes <sup>d</sup>	27.5860	-81.5036	N/A
Reevaluation	Verona, Lake	Verona, Lake	Lake	Highlands	No	Yes <sup>d</sup>	27.5978	-81.4969	N/A
New	Little Manatee River (lower segment)	Little Manatee River (lower segment)	River-Estuary	Hillsborough	Yes	No	27.6708	-82.3528	N/A
New	Little Manatee River (upper segment)	Little Manatee River (upper segment)	River	Hillsborough, Manatee	Yes	No	27.6708	-82.3528	N/A

## Minimum Flows and Minimum Water Levels to be Adopted in 2023.

hNew or Re-Evaluation	Waterbody Name or Compliance Point	System Name <sup>a</sup>	Waterbody Type	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts from Adjacent WMD? <sup>b</sup>	Latitude	Longitude	Rulemaking Status <sup>c</sup>
Reevaluation	Aurora, Lake	Aurora, Lake	Lake	Polk	No	Yes <sup>d</sup>	27.879079	-81.465545	N/A
Reevaluation	Easy, Lake	Lake Easy, Lake	Lake	Polk	No	Yes <sup>d</sup>	27.858101	-81.56204	N/A
Reevaluation	Eva, Lake	Eva, Lake	Lake	Polk	No	Yes <sup>d</sup>	28.095218	-81.62806	N/A
New	Braden River (lower segment)	Braden River (lower segment)	River-Estuary	Manatee	Yes	No	27.4411	-82.4878	N/A
New	Charlie Creek	Charlie Creek	River	Hardee, Polk	Yes	No	27.3747	-81.7967	N/A
New	Horse Creek	Horse Creek	River	Hardee, DeSoto	Yes	No	27.1992	-81.9886	N/A



New	Manatee River (lower segment)	Manatee River (lower segment)	River-Estuary	Manatee	Yes	No	27.5133	-82.3672	N/A
Reevaluation	Southern Water Use Caution Area Saltwater Intrusion Minimum Aquifer Level (SWIMAL)	Southern Water Use Caution Area Saltwater Intrusion Minimum Aquifer Level (SWIMAL)	Aquifer	Hillsborough, Manatee, Sarasota	Yes	No	27.5603	-82.4013	N/A

### Minimum Flows and Minimum Water Levels to be Adopted in 2024.

New or Re-Evaluation	Waterbody Name or Compliance Point	System Name <sup>a</sup>	Waterbody Type	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts from Adjacent WMD? <sup>b</sup>	Latitude	Longitude	Rulemaking Status <sup>c</sup>
Reevaluation (second)	Eagle Lake	Eagle Lake	Lake	Polk	No	No	27.986734	-81.766533	N/A
Reevaluation (second)	McLeod, Lake	McLeod, Lake	Lake	Polk	No	No	27.967464	-81.752949	N/A
Reevaluation (second)	Jackson, Lake (Highlands)	Jackson, Lake (Highlands)	Lake	Highlands	No	Yes	27.491027	-81.462497	N/A
Reevaluation (second)	Little Jackson	Little Lake Jackson	Lake	Highlands	No	Yes	27.467746	-81.463525	N/A
Reevaluation (second)	Wailles, Lake	Wailles, Lake	Lake	Polk	No	Yes <sup>d</sup>	27.901501	-81.572589	N/A
New	Withlacoochee River (lower segment)	Withlacoochee River (lower segment)	River-Estuary	Citrus, Levy	Yes	Yes	29.0208	-82.6381	N/A
New	Withlacoochee River (upper segment, U.S. Geological Survey Holder gage to U.S. Geological	Withlacoochee River (upper segment, U.S. Geological Survey Holder gage to U.S. Geological Survey Wysong gage)	River	Citrus, Marion, Sumter	Yes	Yes	28.9886	-82.3497	N/A

	Survey Wysong gage)								
New	Withlacoochee River (upper segment, U.S. Geological Survey Wysong gage to U.S. Geological Survey Croom gage)	Withlacoochee River (upper segment, U.S. Geological Survey Wysong gage to U.S. Geological Survey Croom gage)	River	Citrus, Sumter, Hernando	Yes	No	28.8231	-82.1833	N/A
New	Withlacoochee River (upper segment, upstream of U.S. Geological Survey Croom gage)	Withlacoochee River (upper segment, upstream of U.S. Geological Survey Croom gage)	River	Hernando, Sumter, Pasco, Lake, Polk	Yes	No	28.5925	-82.2222	N/A

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- System name identifies larger system that the water body is associated with for minimum flows rule development; otherwise, system name is same as waterbody name or compliance point.
  - WMD = Water Management District
  - Last rulemaking action taken: Notice of Rule Development published; Notice of Proposed Rule published; Rule challenge pending; Rule adopted, Ratification not required; Rule adopted, Awaiting ratification; Rule adopted, Ratified. N/A indicates formal rulemaking has not been initiated.
  - Potential cross-boundary withdrawal impacts from adjacent water management district associated with the Central Florida Water Initiative area.