

# **SOUTHWEST FLORIDA WATER MANAGEMENT PROPOSED 2017 (2017-2018) MINIMUM FLOWS AND LEVELS PRIORITY LIST AND SCHEDULE AND RESERVATIONS LIST AND SCHEDULE**

## **Overview**

Pursuant to Sections 373.036(7) and 373.042(3), Florida Statutes (F.S.), the District is required to annually update its priority list and schedule for the establishment of minimum flows and levels, submit the updated list and schedule to the Florida Department of Environmental Protection (DEP) by November 15th for approval, and include the approved list and schedule in the District's Consolidated Annual Report. Minimum flows and levels are rules established 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. 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.

This proposed 2017 (2017-2018) Minimum Flows and Levels Priority List and Schedule and Reservation List and Schedule (draft priority list) has been prepared by the Southwest Florida Water Management District to address statutory directives and guidance concerning minimum flow and 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.). For submission to DEP, the final version of this priority list will be referred to as the 2017 priority list and schedule.

This draft priority list includes an itemization of priority water bodies with adopted and effective minimum flows and levels rules and a water body with an adopted an effective reservation. Water bodies with previously established minimum flows and levels that have been reevaluated and revised as necessary are identified. Water bodies that may be affected by withdrawals occurring in other water management districts of the state are also identified to support coordination of regulatory activities among the districts. In accordance with Section 373.042(3), F.S., the draft priority list includes all first magnitude springs and all second magnitude spring within state or federally owned lands purchased for conservation purposes. The listings provided here for established minimum flows and levels and reservations do not supersede information incorporated into District Water Levels and Rates of Flow (Chapter 40D-8, F.A.C.) and Consumptive Use of Water (Chapter 40D-2, F.A.C.) rules.

Proposed minimum flows and levels and reservations are provided in tabular form in this draft priority list. The table include information on water body type (lake, wetland, river, aquifer, spring and as appropriate, spring magnitude, which is associated with the rate of spring discharge. Water body location information, including county, basin and latitude/longitude values are also provided. The District's initial intent regarding completion of voluntary, independent, scientific peer review is identified. All proposed spring and river segment minimum flows and levels will be subjected to voluntary scientific peer review based on the expected level of complexity of the minimum flows and levels and the anticipated degree of public concern regarding the minimum flows and levels. None of the proposed lake minimum flows and levels are expected to be subjected to voluntary scientific peer review based on anticipated use of previously peer-reviewed methodologies for development of the minimum flows and levels. Listed water bodies that may be affected by withdrawals occurring in other water management districts, i.e., are potentially subject to cross-boundary impacts are identified. These listings are not intended as a request for the adoption of a minimum flow or level by the DEP pursuant to Section 373.0421(1), F.S.

## **Southwest Florida Water Management District Priority Water Bodies with Adopted and Effective Minimum Flows and Levels Rules, Including Those That Have Been Reevaluated**

- Alafia River (upper segment) <sup>a</sup>
- 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 and Blind Spring
- Citrus County Lakes – Ft. Cooper, Tsala Apopka – Floral City, Inverness and Hernando Pools
- Crystal River/Kings Bay Spring Group <sup>b</sup>
- Crystal Springs
- Dona Bay/Shakett Creek System
- Dover/Plant City Water Use Caution Area Minimum Aquifer Level
- Gum Slough Spring Run <sup>a</sup>
- Hernando County Lakes – Hunters, Lindsey, Mountain, Neff, Spring, Tooke, Weekiwachee Prairie, Whitehurst
- Highland County Lakes – Angelo <sup>a</sup>, Anoka <sup>a</sup>, Denton <sup>a</sup>, Jackson <sup>a</sup> (reevaluated), Little Lake Jackson <sup>a</sup> (reevaluated), June-in-Winter <sup>a</sup>, Letta <sup>a</sup> (reevaluated), Lotela <sup>a</sup> (reevaluated), Placid <sup>a</sup>, Tulane <sup>a</sup>, Verona <sup>a</sup>
- Hillsborough County Lakes – Alice, Allen, Barbara, Bird (reevaluated), Brant, Calm, Carroll, Charles, Church, Crenshaw, Crescent, Crystal (reevaluated), Cypress, Dan (reevaluated), Deer, Dosson, Echo, Ellen, Fairy [Maurine], Garden, Halfmoon, Hanna, Harvey, Helen, Hobbs (reevaluated), Hooker, Horse (reevaluated), Jackson, Juanita (reevaluated), Keene, Kell, Little Moon (reevaluated), Merrywater (reevaluated), Mound, Platt, Pretty, Rainbow (reevaluated), Raleigh, Reinheimer, Rogers, Round, Saddleback, Sapphire, Starvation, Stemper (reevaluated), Strawberry, Sunset (reevaluated), Sunshine, Taylor, Virginia, Wimauma
- Hillsborough County Wetland Sites – CBRWF #32, Cosme WF Wetland, CR1, CR2, CR3, CR4, CR5, CR6, EWWF NW-44, MBWF Clay Gully Cypress, MBWF Entry Dome, MBWF Unnamed, MBWF X-4, S21 WF NW-53 East
- Hillsborough River (lower segment) (reevaluated)
- Hillsborough River (upper segment)
- Homosassa River/Homosassa Spring Group
- Levy County Lake – Marion
- 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, Crews, Green, Hancock, Iola, Jessamine, King, King [East], Linda, Middle, Moon (reevaluated), Padgett (reevaluated), Parker aka Ann, Pasadena (reevaluated), Pasco, Pierce, Unnamed #22 aka Loyce
- Pasco County Wetland Sites – CBRWF Q-1, CBRWF Stop #7, CBRWF T-3, CBRWF TQ-1 West, CBRWF A, CBRWF #4, CBRWF #16, CBRWF #20, CBRWF #25, CC Site G, CCW-11, CCW-12, CCW-17, CC W-41, NPWF #3, NPWF #21, SPWF NW-49, SPWF NW-50, SPWF South Cypress, STWF Central Recorder, STWF Eastern Recorder, STWF D, STWF M, STWF N, STWF S-75, STWF Z
- Peace River (lower segment) (reevaluated)
- Peace River (middle segment)
- Peace River (three upper segments – "low" minimum flows)
- Pinellas County Wetland Site – EWWF Salls Property Wetland 10S/10D
- Polk County Lakes – Annie <sup>a</sup>, Bonnie <sup>a</sup>, Clinch <sup>a</sup> (reevaluated), Crooked <sup>a</sup> (reevaluated), Crystal <sup>a</sup>, Dinner <sup>a</sup>, Eagle <sup>a</sup> (reevaluated), Hancock, Lee <sup>a</sup>, Mabel <sup>a</sup>, McLeod <sup>a</sup> (reevaluated), North Lake Wales <sup>a</sup>, Parker, Starr <sup>a</sup> (reevaluated), Venus\*, Wales\* (reevaluated)

- Rainbow River/Rainbow Spring Group <sup>a, b</sup>
- Sulphur Springs
- Sumter County Lakes – Big Gant <sup>a</sup>, Black <sup>a</sup>, Deaton <sup>a</sup>, Miona <sup>a</sup>, Okahumpka <sup>a</sup>, Panasoffkee <sup>a</sup>
- Southern Water Use Caution Area – Upper Floridan aquifer <sup>a</sup>
- Tampa Bypass Canal
- Weekiwachee River/Weeki Wachee Spring Group

## **Southwest Florida Water Management District Water Bodies with Adopted and Effective Reservation Rules**

- Morris Bridge Sink (water reserved to contribute to achieving or maintaining minimum flows adopted for the lower Hillsborough River for the protection of fish and wildlife)

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<sup>a</sup> Water body may be affected by groundwater withdrawals in other water management districts.

<sup>b</sup> Emergency rules in 40DER17, F.A.C. for this water body are in effect until related rules proposed in rule 40D-8-041, F.A.C., become effective.

## Southwest Florida Water Management District Minimum Flows and Levels to be Adopted in 2017

Waterbody Name	Waterbody Type	New or Re-evaluation	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts?	Latitude	Longitude
Aurora, Lake	Lake	New	Polk	No	Yes	27.8788	-81.4654
Damon, Lake	Lake	New	Highlands	No	Yes	27.6330	-81.5098
Deer Lake <sup>c</sup>	Lake	Reevaluation	Hillsborough	No	Yes	28.1679	-82.4627
Easy, Lake	Lake	New	Polk	No	Yes	27.8579	-81.5619
Eva, Lake <sup>c</sup>	Lake	New	Polk	No	Yes	28.0952	-81.6281
Lowery, Lake <sup>c</sup>	Lake	New	Polk	No	No	28.1303	-81.6779
Pithlachascotee River (lower segment)	River	New	Pasco	Yes	No	28.2500	-82.7228
Pithlachascotee River (upper segment)	River	New	Pasco	Yes	No	28.2570	-82.6431
Round Lake	Lake	Reevaluation	Hillsborough	No	Yes	28.1207	-82.5000
Saddleback Lake	Lake	Reevaluation	Hillsborough	No	Yes	28.1205	-82.4949

<sup>c</sup> Minimum flows and levels in rule development, but not yet effective.

## Southwest Florida Water Management District Minimum Flows and Levels to be Adopted in 2018

Waterbody Name	Waterbody Type	New or Re-evaluation	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts?	Latitude	Longitude
Braden River (lower segment)	River	New	Manatee	Yes	No	27.4411	-82.4878
Manatee River (lower segment)	River	New	Manatee	Yes	No	27.5133	-82.3672
Alice, Lake	Lake	Reevaluation	Hillsborough	No	No	28.1324	-82.6041
Allen, Lake	Lake	Reevaluation	Hillsborough	No	No	28.1572	-82.4888
Brant Lake	Lake	Reevaluation	Hillsborough	No	No	28.1264	-82.4723
Dosson, Lake	Lake	Reevaluation	Hillsborough	No	No	28.1231	-82.5255

Harvey, Lake	Lake	Reevaluation	Hillsborough	No	No	28.1638	-82.4858
Sunshine, Lake	Lake	Reevaluation	Hillsborough	No	No	28.1197	-82.5260
Virginia, Lake	Lake	Reevaluation	Hillsborough	No	No	28.1614	-82.4887
Pierce, Lake	Lake	Reevaluation	Pasco	No	No	28.3209	-82.5128
Peace River (lower segment)	River	Reevaluation	Hardee, DeSoto, Charlotte	Yes	Yes	27.2206	-81.8764
Shell Creek (lower segment)	River	New	Charlotte	Yes	Yes	26.9844	-81.9358

### Southwest Florida Water Management District Minimum Flows and Levels to be Adopted in 2019

Waterbody Name	Waterbody Type	New or Re-evaluation	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts?	Latitude	Longitude
Chassahowitzka River/Chassahowitzka Spring Group and Blind Spring	River, Spring (1 <sup>st</sup> ) <sup>d</sup>	Reevaluation	Citrus, Hernando	Yes	No	28.7150	-82.5769
Homosassa River/Homosassa Spring Group	River, Spring (1 <sup>st</sup> ) <sup>d</sup>	Reevaluation	Citrus	Yes	No	28.7994	-82.5889
Calm Lake	Lake	Reevaluation	Hillsborough	No	No	28.1425	-82.5823
Charles, Lake	Lake	Reevaluation	Hillsborough	No	No	28.1160	-82.4809
Church Lake	Lake	Reevaluation	Hillsborough	No	No	28.1034	-82.6004
Echo Lake	Lake	Reevaluation	Hillsborough	No	No	28.1076	-82.6036
Linda, Lake	Lake	Reevaluation	Pasco	No	No	28.1890	-82.4787
Sapphire, Lake	Lake	Reevaluation	Hillsborough	No	No	28.1407	-82.4815
STWF Central Recorder	Wetland	Reevaluation	Pasco	No	No	28.2444	-82.5961
STWF Z	Wetland	Reevaluation	Pasco	No	No	28.2372	-82.5858
STWF Eastern Recorder	Wetland	Reevaluation	Pasco	No	No	28.2458	-82.5656
MBWF Entry Dome	Wetland	Reevaluation	Hillsborough	No	No	28.1161	-82.3069
MBWF X-4	Wetland	Reevaluation	Hillsborough	No	No	28.1239	-82.3372
MBWF Clay Gully Cypress	Wetland	Reevaluation	Hillsborough	No	No	28.1231	-82.3456

MBWF Unnamed	Wetland	Reevaluation	Hillsborough	No	No	28.1056	-82.3456
EWWF NW-44	Wetland	Reevaluation	Hillsborough	No	No	28.1681	-82.6311
EWWF Salls Property Wetland 10S/10D	Wetland	Reevaluation	Pinellas	No	No	28.1672	-82.6828
SPWF NW-49	Wetland	Reevaluation	Pasco	No	No	28.1836	-82.5075
SPWF South Cypress	Wetland	Reevaluation	Pasco	No	No	28.1814	-82.5081
SPWF NW-50	Wetland	Reevaluation	Pasco	No	No	28.1883	-82.5078
CBRWF #25	Wetland	Reevaluation	Pasco	No	No	28.2350	-82.3589
CBRWF #32	Wetland	Reevaluation	Hillsborough	No	No	28.1681	-82.3672
CBRWF #20	Wetland	Reevaluation	Pasco	No	No	28.2039	-82.3553
CR1	Wetland	Reevaluation	Hillsborough	No	No	28.1325	-82.1211
CR2	Wetland	Reevaluation	Hillsborough	No	No	28.1206	-82.1197
CR3	Wetland	Reevaluation	Hillsborough	No	No	28.1108	-82.1206
NPWF #3	Wetland	Reevaluation	Pasco	No	No	28.3161	-82.5750
NPWF #21	Wetland	Reevaluation	Pasco	No	No	28.2897	-82.5750

<sup>d</sup> Magnitude provided for springs (1<sup>st</sup> = discharge ≥ 100 cubic feet per second; 2<sup>nd</sup> = discharge ≥ 10 to 100 cubic feet per second).

## Southwest Florida Water Management District Minimum Flows and Levels to be Adopted in 2020

Waterbody Name	Waterbody Type	New or Re-evaluation	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts?	Latitude	Longitude
Little Manatee River (lower segment)	River	New	Hillsborough	Yes	No	27.6708	-82.3528
Little Manatee River (upper segment)	River	New	Hillsborough, Manatee	Yes	No	27.6708	-82.3528
CC W-41	Wetland	Reevaluation	Pasco	No	No	28.3125	-82.3736
CC W-11	Wetland	Reevaluation	Pasco	No	No	28.2981	-82.3842
CC W-12	Wetland	Reevaluation	Pasco	No	No	28.2925	-82.3947
CC W-17	Wetland	Reevaluation	Pasco	No	No	28.2856	-82.3947
CC Site G	Wetland	Reevaluation	Pasco	No	No	28.2725	-82.4050
STWF D	Wetland	Reevaluation	Pasco	No	No	28.2553	-82.6347
STWF S-75	Wetland	Reevaluation	Pasco	No	No	28.2503	-82.5628
STWF M	Wetland	Reevaluation	Pasco	No	No	28.2436	-82.5719
STWF N	Wetland	Reevaluation	Pasco	No	No	28.2425	-82.5522

S21 WF NW-53 East	Wetland	Reevaluation	Hillsborough	No	No	28.1211	-82.5142
Cosme WF Wetland	Wetland	Reevaluation	Hillsborough	No	No	28.1008	-82.5908
CBRWF #16	Wetland	Reevaluation	Pasco	No	No	28.2083	-82.3719
CBRWF A	Wetland	Reevaluation	Pasco	No	No	28.2067	-82.3744
CBRWF #4	Wetland	Reevaluation	Pasco	No	No	28.2289	-82.3653
CBARWF TQ-1 West	Wetland	Reevaluation	Pasco	No	No	28.3436	-82.4864
CBARWF T-3	Wetland	Reevaluation	Pasco	No	No	28.3478	-82.4956
CBARWF Stop #7	Wetland	Reevaluation	Pasco	No	No	28.3436	-82.4744
CBARWF Q-1	Wetland	Reevaluation	Pasco	No	No	28.3461	-82.4697
CR4	Wetland	Reevaluation	Hillsborough	No	No	28.1142	-82.0981
CR5	Wetland	Reevaluation	Hillsborough	No	No	28.0981	-82.0822
CR6	Wetland	Reevaluation	Hillsborough	No	No	28.1258	-82.0994

### Southwest Florida Water Management District Minimum Flows and Levels to be Adopted in 2021

Waterbody Name	Waterbody Type	New or Re-evaluation	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts?	Latitude	Longitude
North Prong Alafia River	River	New	Hillsborough, Polk	Yes	No	27.8836	-82.1003
South Prong Alafia River	River	New	Hillsborough, Polk	Yes	No	27.7965	-82.1178
Withlacoochee River (lower segment)	River	New	Citrus, Levy	Yes	No	29.0208	-82.6381
Withlacoochee River (upper segment, U.S. Geological Survey Holder gage to U.S. Geological Survey Wysong gage)	River	New	Citrus, Marion, Sumter	Yes	Yes	28.9886	-82.3497
Withlacoochee River (upper segment, U.S. Geological Survey Wysong gage to U.S. Geological Survey Croom gage)	River	New	Citrus, Sumter, Hernando	Yes	Yes	28.8231	-82.1833

Withlacoochee River (upper segment, upstream of U.S. Geological Survey Croom gage)	River	New	Hernando, Sumter, Pasco, Lake, Polk	Yes	Yes	28.5925	-82.2222
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### Southwest Florida Water Management District Minimum Flows and Levels to be Adopted in 2022

Waterbody Name	Waterbody Type	New or Re-evaluation	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts?	Latitude	Longitude
Peace River (upper segment, U.S. Geological Survey Zolfo Springs gage to U.S. Geological Survey Ft. Meade gage)	River	Reevaluation	Hardee, Polk	Yes	No	27.5042	-81.8011
Peace River (upper segment, U.S. Geological Survey Ft. Meade gage to U.S. Geological Survey Bartow gage)	River	Reevaluation	Polk	Yes	No	27.7511	-81.7822
Peace River (upper segment, upstream of U.S. Geological Survey Bartow gage)	River	Reevaluation	Polk	Yes	No	27.9019	-81.8175



### Southwest Florida Water Management District Minimum Flows and Levels to be Adopted in 2023

Waterbody Name	Waterbody Type	New or Re-evaluation	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts?	Latitude	Longitude
Charlie Creek	River	New	Hardee, Polk	Yes	No	27.3747	-81.7967
Horse Creek	River	New	Hardee, DeSoto	Yes	No	27.1992	-81.9886
Cypress Creek	River	New	Hillsborough, Pasco	Yes	No	28.0889	-82.4092

### Southwest Florida Water Management District Minimum Flows and Levels to be Adopted in 2024

Waterbody Name	Waterbody Type	New or Re-evaluation	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts?	Latitude	Longitude
Prairie Creek	River	New	Charlotte, DeSoto	Yes	No	26.9903	-81.8947
Shell Creek (upper segment)	River	New	Charlotte	Yes	No	26.9750	26.9750

### Southwest Florida Water Management District Minimum Flows and Levels to be Adopted in 2026

Waterbody Name	Waterbody Type <sup>d</sup>	New or Re-evaluation	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts?	Latitude	Longitude
Gum Slough Spring Run	Spring (2 <sup>nd</sup> ) <sup>d</sup>	Reevaluation	Sumter	Yes	Yes	28.9511	-82.2500

<sup>d</sup> Magnitude provided for springs (1<sup>st</sup> = discharge ≥ 100 cubic feet per second; 2<sup>nd</sup> = discharge ≥ 10 to 100 cubic feet per second).

## Southwest Florida Water Management District Minimum Flows and Levels to be Adopted in 2027

Waterbody Name	Waterbody Type <sup>d</sup>	New or Re-evaluation	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts?	Latitude	Longitude
Rainbow River/ Rainbow Spring Group	River, Spring (1 <sup>st</sup> ) <sup>d</sup>	Reevaluation	Marion	Yes	Yes	29.0492	-82.4478
Crystal River/Kings Bay Spring Group	River, Spring (1 <sup>st</sup> ) <sup>d</sup>	Reevaluation	Citrus	Yes	Yes	28.9064	-82.6239

<sup>d</sup> Magnitude provided for springs (1<sup>st</sup> = discharge ≥ 100 cubic feet per second; 2<sup>nd</sup> = discharge ≥ 10 to 100 cubic feet per second).

## Southwest Florida Water Management District Reservations Priority List

Waterbody Name	Waterbody Type	County(s)	Proposed Year for Reservation
Hancock, Lake/Peace River (upper segment)	Lake, River	Polk	2018