# Summary of Listing Decisions for the 2024 305(b)/303(d) List of Waters

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## Summary of Listing Decisions

The Georgia Environmental Protection Division (EPD) used its 2024 Listing Assessment Methodology to compare environmental data against water quality criteria to determine if waters were supporting their designated uses. Based on this assessment, waters were assigned to one of five Categories. A general summary of the 5-part Categorization is as follows. Waters are assigned to Category 1 if they are supporting their designated uses. Waters are assigned to Category 4 or 5 if they are not supporting their designated uses (aka impaired). Waters are assigned to Category 2 or 3 if there is insufficient data to determine if designated uses are being met or not. A more detailed explanation of the 5-part Categorization system is described in the Listing Assessment Methodology. This document provides more detail to explain why certain listing decisions were made including (1) how the "natural conditions" provisions in our water quality standards are used when making listing decisions and (2) why other waters were placed or remain in Category 2 or Category 3.

## Assessment of Waters Based on "Natural Water Quality"

Chapter 391-3-6-.03(7) of the Rules and Regulations for Water Quality Control recognizes that some waters of the State "naturally" will not meet the instream criteria and this situation does not constitute a violation of water quality standards. Many waters in Georgia, specifically areas in South Georgia and near the Coast, have "natural" dissolved oxygen (DO) concentrations below the State's standard DO criteria (daily average of 5.0 mg/L and an instantaneous minimum of 4.0 mg/L). Many of these waters were placed in Category 3 (Assessment Pending) when water quality data indicated the DO criteria were not being met, but it was determined that the cause was likely due to natural water quality conditions versus a human caused condition. The placement of waters in Category 3 for DO is explained in more detail later in this document.

EPD also considered things such as the presence of beaver dams when evaluating water quality data. While the presence of beaver dams and ponds can help improve water quality by trapping sediment and removing nutrients through increased plant production, the stagnant water in the beaver pond will naturally have different characteristics than a free-flowing stream (e.g. lower DO). Waters were not listed as being impaired for DO if they were impacted by a beaver dam, and it was determined that human activities were not contributing to the low DO. In addition, waters were not listed as impaired for DO if the natural DO of the water has been established via a TMDL or other document, and the measured DO was equal to or above the natural DO established for the waterbody.

Georgia has many blackwater streams in the southern and coastal areas of the state. These blackwater streams originate in, or pass through forests, swamps, or wetlands where leaf litter and other plant vegetation can drop into and accumulate in the waterbodies. Through natural decay processes, the leaf litter and vegetation releases tannins and other organic compounds that

lower the pH of the waterbody and are the source of the stained coloration. This natural process leads to waterbodies whose pH is regularly lower than the State's pH criteria. If a water has been identified as a blackwater stream, then it was not listed as impaired for pH as long as there are not point source or land use issues that may be contributing to the low pH measured in the stream.

The tables at the end of this document list the waters where EPD determined that low DO (Table 1) or low pH (Table 2) are due to natural conditions. These waters were not listed as impaired for DO or pH.

## Waters and Parameters in Category 3 (Assessment Pending)

A water is placed in Category 3 (Assessment Pending) when there is insufficient data or information to make an assessment on whether the water is meeting its designated use(s). The 2024 305(b)/303(d) List of Waters has 245 waters in Category 3. There are an additional 183 waters assessed as "Not Supporting" for one or more parameters where the assessment of other parameter(s) is still pending. For example, a water may have been assessed as "Not Supporting" for *E. coli* bacteria, but data are lacking to make an assessment for pH. Details regarding why a water or a parameter has been placed in Category 3 can be found in the "Notes" column of the 2024 305(b)/303(d) List of Waters. The most common reasons for why waters or parameters have been placed in Category 3 are provided below.

### Waters in Category 3 for Bio M

Currently, Georgia's Listing Assessment Methodology states that waters with macroinvertebrate data with a narrative rank of "fair" are put in Category 3. One reason this is the case is that EPD has been working to revise the multi-metric index (MMI) used to assess macroinvertebrate data. We believe that for the most part, waters assessed as "supporting" under the current index (narrative rank of "very good" or "good") will still be assessed as "supporting" under the revised index. Likewise, we believe that waters assessed as "not supporting" under the current index (narrative rank of "poor" or "very poor") will still be assessed as "not supporting" under the revised index. We are less certain how waters ranked "fair" under the current index will rank once new indices are established. EPD has been working diligently to revise the MMI used to assess the health of the macroinvertebrate community. This is a lengthy process as EPD has determined that additional data need to be collected from some areas of the State prior to MMI revision. Collection of additional data is ongoing. In addition, EPD is currently working on revising the taxa list and tolerance values that are also needed for the MMI revision to be completed. EPD plans to keep the waters with a narrative rank of "fair" in Category 3 until the new indices can be established. The 2024 305(b)/303(d) List of Waters has 48 waters in Category 3 based on sites that have a narrative rank of "fair" for macroinvertebrate sampling. There are an additional 26 waters that have been assessed as "not supporting" for other parameters, but for which the assessment of macroinvertebrate data is pending.

## Waters in Category 3 for DO

There are 119 waters are in Category 3 for DO while EPD works to determine the "natural DO" concentration for the water. There are an additional 77 waters that have been assessed as "not supporting" for other parameters for which the assessment of DO is pending determination of the "natural DO." These waters are primarily located in the Southeastern Plain and Coastal Plain where DO can be naturally below the State's criteria of 5.0 mg/L (daily average) and 4.0 mg/L (minimum). EPD has been working to develop new DO criteria for the Southeastern and Coastal Plains. Some issues that are being studied are potential differences in DO between blackwater, clear water, and tidal streams and the impact of stream order on "natural DO." Once the new criteria have been adopted and approved by U.S. EPA, EPD will use these criteria to assess whether waters in this portion of the State are meeting their criteria for DO.

## Waters in Category 3 for pH

According to EPD's Listing Assessment Methodology, a water is listed as impaired for pH if more than 10% of the pH measurements do not meet the pH criteria. EPD put 23 waters in Category 3 (Assessment Pending) on the 2024 305(b)/303(d) List of Waters for pH. The waters were put into Category 3 because EPD believes that our pH probes may have been providing inaccurately low values, especially in waters where the conductivity is low. In addition, EPD believes that low pH may be a natural condition for some waters with very low alkalinity. As discussed in the section above, if some waters of the State "naturally" will not meet the instream criteria then this situation does not constitute a violation of water quality standards. These two factors are discussed in more detail below. EPD has placed these waters in Category 3 for pH while we determine 1) if the low pH readings measured were accurate, 2) if the low pH readings are natural for some of the waters, or 3) if the low pH is actually a cause of impairment. Below is the rationale why we believe our pH meters may sometimes be providing falsely low values; what we are doing to improve accuracy of pH measurements; and why we think some low pH may be natural.

Questions about Probe Accuracy and Steps Taken to Improve Accuracy

Meters for measuring pH work by quantifying the difference in electrical potential between the solution you are measuring the pH of and reference solution contained within the probe. Measuring waters with low conductivity can be a challenge as the low electrical resistance of the sample solution can lead to pH drift and inaccurate measurements. The problem of accurately measuring pH in low conductivity waters increases when the water is flowing. EPD's standard operating procedure for measuring pH in the field calls for us to measure the pH instream where the water is normally flowing. We have found that when a stream has low conductivity, if pH is measured in the stream (i.e. in flowing water) then the pH reading is often up to a half a Standard Unit (SU) lower than if a sample of stream water is collected in a bucket and the pH is measured in the bucket (i.e. non-flowing water). This half SU difference is enough to move many of our pH readings that are below criteria to being within criteria. In addition, the pH of water samples is also measured in EPD's lab when water quality samples (such as nutrients and metals) are brought to the lab for analysis. The pH measured in the lab was normally higher than the pH measured in the field.

Beginning in spring 2020, EPD implemented a new methodology for measuring pH to improve accuracy. If the in-situ pH was measured to be less than 6.0 SU and the water was not a blackwater stream where low pH is expected, then water was collected in a bucket and the pH of the water was measured in the bucket. This was done because when the pH of low conductivity water is measured, a high junction potential between the low conductivity stream water and the solution inside the pH meter can result in inaccurate measurements. Measuring the pH in a bucket where the water is not flowing decreases the problem with the junction potential. In addition, EPD began using different pH meters in 2022 that we hoped would be able to more accurately measure pH in low conductivity waters.

EPD was able to remove 13 waters from Category 3 for pH on the 2024 305(b)/303(d) List of Waters based on new data collected using the new methods and/or the new pH meters. All of these waters were found to be meeting pH criteria. Even with the new methods and new pH meters, we still question the results of our pH readings in waters with low conductivity. For this reason, we are planning to adopt new sampling methods beginning in 2024 when we will add salt to the water in the sampling container to raise the conductivity before taking the pH reading. There are 56 waters listed as impaired for pH on the 2024 305(b)/303(d) List of Waters and an additional 116 waters are in Category 3.

Low Alkalinity Waters and Natural Conditions

In addition to questions about the accuracy of the pH data, EPD believes that some waters in Georgia, other than blackwater streams discussed above, may have naturally low pH. Specifically, naturally low pH may occur in waters that have low alkalinity. Alkalinity is a measure of a waters buffering capacity (its ability to resist change in pH when an acid is added).

The alkalinity of a waterbody is generally a product of the land surrounding it. Waters in area with limestone deposits contain more calcium carbonate that increases the buffering capacity of the water compared to waters in areas with granite deposits. If a water has a low alkalinity, the addition of acids will lead to a lower pH. Weak acids naturally enter a waterbody through the deposition of organic material (like pine needles) and rainfall. It is important to note that pure water (such as rainfall) does not have a neutral pH of 7 but will often be slightly acidic. This is a function of the absorption of carbon dioxide from the atmosphere that forms a weak acid. Carbon dioxide absorption is also a factor in flowing streams with turbulence (e.g. a turbulent mountain stream will absorb more carbon dioxide from the atmosphere than still waters). EPD will continue to investigate whether some of the observed low pH is a natural condition. This effort will take longer than collecting more data where we believe our pH probes may have been providing inaccurate data.

Other Waters in Category 3

There are various reasons why the remaining waters have been placed in Category 3. The most common reason is that while we had data that indicated that the water is "supporting" its use (such as fish tissue data, wastewater treatment plant effluent data, etc.), there is no instream water quality data available. Without having instream data, we decided to put the water in Category 3 instead of making the assessment that the waters were "supporting" their uses.

## Waters in Category 2

A water is placed in Category 2 if it has more than one designated use and if it is supporting at least one of its designated uses, but data is lacking to make an assessment of the other use(s). In 2020, EPD has begun to assign specific parameters to each of the designated uses when a water has multiple uses. The designated use "Fishing" protects aquatic life and people who are fishing or doing other types of secondary contact recreation. Parameters associated with the "Fishing" use include dissolved oxygen, pH, temperature, metals, Bio F, Bio M, bacteria, etc. Bacteria and chlorophyll *a* are used to assess the designated use of "Recreation." Human Health Criteria, the drinking water criteria for arsenic, chlorophyll a, and bacteria are used to assess the "Drinking Water" use. The main reason EPD is assigning parameters to specific uses is that U.S. EPA has developed a website called "How's My Waterway" that allows the public to interact with 305(b)/303(d) listing information along with other types of data (such as water quality data). There are always challenges in presenting data from all of the different states on one platform as each state assesses its waters differently and has different designated uses. If Georgia did not make this change to how we assess our different uses, then our 305(b)/303(d) data on How's My Waterway would be misleading. For example, it would indicate that you should not swim in a water because there were excessive levels of PCBs in Fish Tissue. Excessive PCB in Fish Tissue is a reason to not eat fish caught in a water but is not a reason to avoid swimming in a water.

The 2024 305(b)/303(d) List of Waters has 30 waters in Category 2. Often the water is put in Category 2 because we only have data that relates to aquatic life uses. For example, we may only have Fish IBI data available for a stream. We can use this data to assess the designated use of "Fishing," but this type of data is not used to assess designated uses of "Recreation" or "Drinking Water." If the Fish IBI data indicated that the fish community is healthy (e.g., the site scored "Fair," "Good," or "Excellent"), then the Fishing use is assessed as "Supporting" its use, but the "Drinking Water" and "Recreation" uses cannot be assessed and the water is placed into Category 2 instead of Category 1.

One other important thing to be aware of is that if a water has multiple uses and one designated use is assessed as "Not Supporting," then the water is assessed as impaired even if other use(s) are assessed as "Supporting" or "Assessment Pending." Therefore, splitting parameters between the different uses does not impact the overall assessment of the water and does not change any regulatory implication of a water being assessed as impaired.

Table 1 - Waters Determined to Have Naturally Low DO

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR031101030102 | Aucilla River | Masse Branch to Brooks County line near Boston | Ochlockonee |
| GAR031200020302 | Big Creek | Woodhaven Rd. East of Coolidge to Ochlockonee River | Ochlockonee |
| GAR031200020402 | Big Creek | Headwaters to Little Creek near Meigs | Ochlockonee |
| GAR031200020102 | Little Creek | Ga. Hwy. 37 to Ochlockonee River near Moultrie | Ochlockonee |
| GAR031200020104 | Ochlockonee River | Headwaters at Ga Hwy 112 near Sylvester to Bay Branch, East of Bridgeboro | Ochlockonee |
| GAR030702020402 | Boggy Creek | Dry Creek to Little Satilla Creek North of Screven | Satilla |
| GAR030702010301 | Red Bluff Creek | Little Red Bluff Creek to Satilla River East of Pearson | Satilla |
| GAR030702040602 | Boone Creek | Tributary 0.7 miles upstream Roberts Road to St. Marys River | St. Marys |
| GAR030702040701 | Corn House Creek | Headwaters to the St. Marys River | St. Marys |
| GAR030702040901 | St. Marys Trib. 5 (aka Cooner Branch) | Ray and Hannaford Lake to St. Marys River | St. Marys |
| GAR031102021202 | Cow Creek | Headwaters to Alapaha River | Suwannee |
| GAR031102020101 | Double Run Creek | Tributary 0.4 mile upstream SR 90 to Alapaha River near Rebecca | Suwannee |
| GAR031102020801 | Fivemile Creek | Downstream Gaskins Pond to Big Creek near Nashville | Suwannee |
| GAR031102010103 | Greasy Branch | U.S. Hwy. 84/SR 38 to Okeefenokee Swamp | Suwannee |
| GAR031102010301 | Suwannoochee Creek | Lees Bay to Suwannee River | Suwannee |
| GAR031102010302 | Suwannoochee Creek | Bear Branch to Lees Bay | Suwannee |
| GAR031102020802 | Tenmile Creek | Averys Millpond to Big Creek near Nashville | Suwannee |
| GAR031102040301 | Warrior Creek | Rocky Creek to Ty Ty Creek near Norman Park | Suwannee |

Table 2 - Waters Determined to Have Naturally Low pH

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR030701060503 | Alex Creek | Mason Cowpen Branch to Altamaha River | Altamaha |
| GAR030701060311 | Beards Creek | Headwaters to Blocker Creek | Altamaha |
| GAR030701060106 | Cobb Creek | Buckthorn Creek to Oconee Creek | Altamaha |
| GAR030701060110 | Cobb Creek | Oconee Creek to Open Creek | Altamaha |
| GAR030701060111 | Cobb Creek | Open Creek to the Altamaha River | Altamaha |
| GAR030701060405 | Doctors Creek | Tributary 2 miles upstream Old Macon Darien Rd SE to Fountain Branch (aka Jones Creek) | Altamaha |
| GAR030701070208 | Flat Creek | Headwaters to Little Ohoopee River | Altamaha |
| GAR030701060302 | Goose Creek | Tributary 1.1 miles upstream Rd. S1922 (Walter Griffis Rd.) to Little Goose Creek | Altamaha |
| GAR030701070209 | Hurricane Branch | Pond 0.3 miles downstream Pringle Road to the Little Ohoopee River | Altamaha |
| GAR030701070303 | Jacks Creek | U.S. Hwy. 1 to Ohoopee River | Altamaha |
| GAR030701060404 | Jones Creek | Still Branch to Doctors Creek | Altamaha |
| GAR030701060109 | Little Alligator Creek | Milligan Creek to the Altamaha River | Altamaha |
| GAR030701060408 | Little Creek | Gum Branch to Honey Camp Branch | Altamaha |
| GAR030701060412 | Little Penholoway Creek | Headwaters to Walker Creek | Altamaha |
| GAR030701070410 | Little Reedy Creek | Tributary at Pendleton Springs Road to Pendleton Creek | Altamaha |
| GAR030701070205 | Magruda Creek | Headwaters to Little Ohoopee River | Altamaha |
| GAR030701060108 | Milligan Creek | Tributary 0.9 miles downstream E. Main Street (Uvalda) to Little Alligator Creek | Altamaha |
| GAR030701060407 | Milliken Bay | Headwaters to Little McMillen Creek | Altamaha |
| GAR030701070105 | Neels Creek | Bear Creek to Ohoopee River | Altamaha |
| GAR030701060103 | Oconee Creek | Headwaters to Cobb Creek | Altamaha |
| GAR030701070501 | Ohoopee River | Hwy 292 to Hwy 147 | Altamaha |
| GAR030701070502 | Ohoopee River | Ga. Hwy 147 to Confluence with Altamaha River | Altamaha |
| GAR030701070401 | Pendleton Creek | Sand Hill Lake to Reedy Creek | Altamaha |
| GAR030701070402 | Pendleton Creek | Wildwood Lake to Tiger Creek | Altamaha |

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR030701070407 | Pendleton Creek | Reedy Creek to Swift Creek | Altamaha |
| GAR030701070408 | Pendleton Creek | Headwaters to tributary 0.5 miles downstream U.S. 80 | Altamaha |
| GAR030701070409 | Pendleton Creek | Tributary 0.5 miles downstream U.S. 80 to tributary 0.2 miles downstream Anderson Pond Road | Altamaha |
| GAR030701060403 | Penholoway Creek | Little Creek to Altamaha River | Altamaha |
| GAR030701070111 | Poley Creek | Renfore Creek to the Ohoopee River | Altamaha |
| GAR030701070207 | Sardis Creek | Headwaters to Little Ohoopee River | Altamaha |
| GAR030701060201 | Tenmile Creek | Little Tenmile Creek to Altamaha River | Altamaha |
| GAR030701070506 | Thomas Creek | Douglas Branch to the Ohoopee River | Altamaha |
| GAR030701070403 | Tiger Creek | Little Creek to Pendleton Creek | Altamaha |
| GAR030701060310 | Tributary to Spring Branch | Tributary 360 feet downstream City of Glennville to Spring Branch | Altamaha |
| GAR030701060305 | Watermelon Creek | Ditch Branch to the Altamaha River | Altamaha |
| GAR030701070306 | Yam Grandy Creek | Tributary 1.1 miles upstream of County Road 175 (Bass Rd) to Crooked Creek | Altamaha |
| GAR031300030314 | Upatoi Creek | Heriot Creek to Armory Creek | Chattahoochee |
| GAR031300030315 | Upatoi Creek | Armory Creek to the Chattahoochee River | Chattahoochee |
| GAR031300051313 | Beaver Creek | Headwaters to Patsiliga Creek, Butler | Flint |
| GAR031300051411 | Beaver Creek | Headwaters to Avery Creek | Flint |
| GAR031300051509 | Cedar Creek | Turkey Branch to Sand Creek | Flint |
| GAR031300070501 | Chokeelagee Creek | Headwaters to Kinchafoonee Creek | Flint |
| GAR031300051602 | Horse Creek | Taylor Mill Lake to Flint River | Flint |
| GAR031300051312 | Patsiliga Creek | Beaver Creek to Flint River, Butler | Flint |
| GAR031300051314 | Patsiliga Creek | Headwaters to McCants Mill Pond | Flint |
| GAR031300051508 | Sand Creek | Brooks Mill Pond to Cedar Creek | Flint |
| GAR031300051510 | Sand Creek | Cedar Creek to Whitewater Creek | Flint |
| GAR031300051410 | Spring Creek (formerly Avera Creek) | Headwaters to Beaver Creek | Flint |
| GAR031300051505 | Whitewater Creek | Sand Creek to Flint River | Flint |
| GAR031300051506 | Whitewater Creek | Little Whitewater Creek to Sand Creek | Flint |

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR031200020302 | Big Creek | Woodhaven Rd. East of Coolidge to Ochlockonee River | Ochlockonee |
| GAR031101030202 | Connell Creek | Headwaters to the Florida State Line | Ochlockonee |
| GAR031200020102 | Little Creek | Ga. Hwy. 37 to Ochlockonee River near Moultrie | Ochlockonee |
| GAR031200030201 | Swamp Creek | SR 262 (Antioch Church Rd) to Stateline | Ochlockonee |
| GAR031200020303 | Tributary to Big Creek | Headwaters to Big Creek | Ochlockonee |
| GAR030701040703 | Alligator Creek | Headwaters to Horse Creek | Ocmulgee |
| GAR030701050205 | Alligator Creek | 0.9 miles downstream U.S. Hwy. 280 to Little Ocmulgee River | Ocmulgee |
| GAR030701050206 | Alligator Creek | Bay Creek to Lime Sink Creek | Ocmulgee |
| GAR030701040812 | Fishing Creek | Headwaters to the Ocmulgee River | Ocmulgee |
| GAR030701040702 | Horse Creek (formerly Big Horse Creek) | Alligator Creek to Ocmulgee River | Ocmulgee |
| GAR030701040601 | House Creek | Ball Creek to South Prong House Creek | Ocmulgee |
| GAR030701050405 | Little Ocmulgee River | Wilcox Creek to Alligator Creek | Ocmulgee |
| GAR030701050406 | Little Ocmulgee River | Little Ocmulgee State Park Lake to Wilcox Creek | Ocmulgee |
| GAR030701040813 | Opposum Creek | Headwaters to the Ocmulgee River | Ocmulgee |
| GAR030701040815 | Red Bluff Creek | Headwaters to the Ocmulgee River | Ocmulgee |
| GAR030701050305 | Sugar Creek | Headwaters to Turnpike Creek | Ocmulgee |
| GAR030701040814 | Tributary to Red Bluff Creek | Headwaters to Red Bluff Creek | Ocmulgee |
| GAR030701040411 | Tributary to South Prong Creek | Headwaters to South Prong Creek | Ocmulgee |
| GAR030701050303 | Turnpike Creek | Hwy 280 to Sugar Creek | Ocmulgee |
| GAR030701021203 | Mercer Creek | Tributary 270 feet upstream Norwood Stephens Road to Red Hill Creek | Oconee |
| GAR030701020411 | Mikes Mill Creek | Headwaters to Sandy Hill Creek | Oconee |
| GAR030701021302 | Ochwalkee Creek | Unnamed tributary 550 ft upstream Little New York Road to Oconee River | Oconee |
| GAR030701021408 | Peterson Creek | Headwaters to State Route 19 (South 2nd Street) | Oconee |
| GAR030701021409 | Peterson Creek | State Route 19 (South 2nd Street) to the Oconee River | Oconee |

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR030701020904 | Pughes Creek | Indian Branch to Oconee River | Oconee |
| GAR030701021011 | Stitchihatchie Creek | Whitley Branch to Rocky Creek | Oconee |
| GAR030701021407 | Tributary to Limestone Creek | 400 ft downstream Mt. Vernon Alston Road to Limestone Creek | Oconee |
| GAR030701021205 | Whitewater Creek | Headwaters to Unnamed tributary 0.8 miles downstream of GA Hwy 19 South | Oconee |
| GAR030602020504 | Ash Branch | Futch Branch to Lower Black Creek | Ogeechee |
| GAR030602010202 | Big Creek | Headwaters to the Ogeechee River | Ogeechee |
| GAR030602020501 | Black Creek | Confluence of Upper and Lower Black Creek to Mill Creek near Blichton | Ogeechee |
| GAR030602030410 | Bull Creek | Tributary off Strickland Pond to Canoochee River near Daisy | Ogeechee |
| GAR030602030501 | Canoochee Creek | Taylors Creek to Canoochee River, Fort Stewart | Ogeechee |
| GAR030602030506 | Canoochee Creek | Upstream SR 119, Ft. Stewart | Ogeechee |
| GAR030602030101 | Canoochee River | Ga. Hwy. 192 to Fifteen Mile Creek near Metter | Ogeechee |
| GAR030602030409 | Canoochee River | Cedar Creek to Lotts Creek | Ogeechee |
| GAR030602030411 | Canoochee River | Fifteen Mile Creek to Cedar Creek | Ogeechee |
| GAR030602030602 | Canoochee River | Lotts Creek to Savage Creek | Ogeechee |
| GAR030602030603 | Canoochee River | Savage Creek to Ogeechee River | Ogeechee |
| GAR030602030407 | Cedar Creek | Water Hole Creek to Canoochee River, Claxton | Ogeechee |
| GAR030602030201 | Fifteenmile Creek | Stocking Head Branch to Canoochee River near Metter | Ogeechee |
| GAR030602030203 | Fifteenmile Creek | Tributary 0.6 miles upstream Paddy Ford Rd to Sams Creek | Ogeechee |
| GAR030602020308 | Henderson Mill Branch | Headwaters to Julie Pond | Ogeechee |
| GAR030602040208 | Little Ogeechee River | Little Ogeechee Pond to 1.6 miles downstream US Hwy 17 near Burroughs | Ogeechee |
| GAR030602040209 | Little Ogeechee River | Ogeechee Run to Little Ogeechee Pond | Ogeechee |
| GAR030602030508 | Long Branch | Headwaters to Canoochee Creek | Ogeechee |
| GAR030602030310 | Lotts Creek | U.S. Hwy. 301 to Little Lotts Creek near Register | Ogeechee |

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR030602030312 | Lotts Creek | Big Branch to Cypress Lake | Ogeechee |
| GAR030602030315 | Lotts Creek | Little Lotts Creek to Reedy Branch | Ogeechee |
| GAR030602020505 | Lower Black Creek | Luke Swamp Branch to Ash Branch | Ogeechee |
| GAR030602020401 | Mill Creek | Newsome Branch to Ogeechee River near Statesboro | Ogeechee |
| GAR030602020402 | Mill Creek | Akins Pond to Newsome Branch | Ogeechee |
| GAR030602020508 | Mill Creek | George Branch to Black Creek | Ogeechee |
| GAR030602040530 | Mount Hope Creek | Raccoon Branch to Jerico River | Ogeechee |
| GAR030602020302 | Nevills Creek | Bay Gull Creek to Ogeechee River near Rocky Ford | Ogeechee |
| GAR030602020201 | Ogeechee Creek | Old Creek Road to the Ogeechee River near Oliver | Ogeechee |
| GAR030602010103 | Ogeechee River | Long Creek to Hwy. 102 near Jewell | Ogeechee |
| GAR030602010203 | Ogeechee River | Hwy 102 to Rocky Comfort Creek | Ogeechee |
| GAR030602040723 | Pine Hill Swamp | Upstream McIntosh County WPCP | Ogeechee |
| GAR030602020503 | Pole Branch | Headwaters to Upper Black Creek | Ogeechee |
| GAR030602010301 | Rocky Comfort Creek | Joes Creek to Ivey Branch near Edgehill | Ogeechee |
| GAR030602040722 | Sapelo River | 0.2 miles upstream Old Townsend Rd NW to Buck Hill Swamp | Ogeechee |
| GAR030602030505 | Taylors Creek | Tributary 3.3 miles upstream GA 119 to Tributary 0.4 miles downstream GA 119, Fort Stewart" | Ogeechee |
| GAR030602030408 | Tenmile Creek | Tributary at Dutch Ford Road to the Canoochee River | Ogeechee |
| GAR030602030318 | Tributary to Little Lotts Creek | Headwaters to tributary 0.3 miles downstream Langston Chapel Road | Ogeechee |
| GAR030602020511 | Tributary to Mill Creek | Unnamed tributary 0.3 miles upstream Sims Road to Mill Creek | Ogeechee |
| GAR030602030604 | Tributary to the Canoochee River | Tributary near S.R. 67 to the Canoochee River | Ogeechee |
| GAR030602030311 | Wateringhole Branch | Granna Branch to Dry Branch | Ogeechee |
| GAR030602010505 | Williamson Swamp Creek | Headwaters to Mays Millpond | Ogeechee |
| GAR030602010511 | Williamson Swamp Creek | Mays Millpond to Kittrell Creek | Ogeechee |
| GAR030702011003 | Alabaha River | Hurricane Creek to Tan Trough Creek | Satilla |
| GAR030702011006 | Alabaha River | Tan Trough Creek to Baxter Branch | Satilla |
| GAR030702011007 | Alabaha River | Baxter Branch to the Satilla River | Satilla |

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR030702010704 | Big Creek | South Prong Big Creek to Satilla River | Satilla |
| GAR030702010712 | Big Creek | Laura S. Walker Lake to South Prong Big Creek | Satilla |
| GAR030702020101 | Big Satilla Creek | Headwaters near Hazlehurst to Sweetwater Creek near Baxley | Satilla |
| GAR030702020302 | Big Satilla Creek | Sweetwater Creek to Colemans Creek | Satilla |
| GAR030702020103 | Bishop Creek | Lake Mayers to Big Satilla Creek | Satilla |
| GAR030702020203 | Blackwater Creek | Headwaters to Sweetwater Creek | Satilla |
| GAR030702020405 | Boggy Creek | Headwaters to Lake Lindsay Grace | Satilla |
| GAR030702010401 | Broxton Creek | Seven Creek to Seventeen Mile River near Broxton | Satilla |
| GAR030702011102 | Buffalo Creek | Little Buffalo Creek to Satilla River | Satilla |
| GAR030702011212 | Bullhead Creek | Tributary 1.3 miles upstream GA 110 to the Satilla River | Satilla |
| GAR030702011106 | Church House Branch | Headwaters to the Satilla River | Satilla |
| GAR030702020301 | Colemans Creek | Dry Branch South of Surrency to Big Satilla Creek near Screven | Satilla |
| GAR030702010710 | Cox Creek | Headwaters to the Satilla River | Satilla |
| GAR030702010606 | Dry Creek | Headwaters to Hurricane Creek | Satilla |
| GAR030702020406 | Dry Creek | Headwaters to Boggy Creek | Satilla |
| GAR030702010717 | Fullwood Creek | Headwaters to the Satilla River | Satilla |
| GAR030702010601 | Hog Creek | Hurricane Creek to Satilla River South of Nicholls near Bickley | Satilla |
| GAR030702010603 | Hurricane Creek | Bear Creek to Dry Creek | Satilla |
| GAR030702010801 | Hurricane Creek | Whitehead Creek to tributary 1.1 miles downstream Little Creek | Satilla |
| GAR030702010803 | Hurricane Creek | Tributary near Sunflower Road to Fox Branch | Satilla |
| GAR030702011001 | Hurricane Creek | Tributary 1.1 miles downstream Little Creek to Briar Creek near Alma | Satilla |
| GAR030702010711 | Kettle Creek | Tuten Creek to the Satilla River | Satilla |
| GAR030702010901 | Little Hurricane Creek | Ga. Hwy. 32 to Hurricane Creek | Satilla |
| GAR030702010902 | Little Hurricane Creek | Headwaters to Ga. Hwy 32 | Satilla |
| GAR030702010303 | Little Red Bluff Creek | Headwaters to Red Bluff Creek | Satilla |
| GAR030702020401 | Little Satilla Creek | Boggy Creek to Little Satilla River near Screven | Satilla |

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR030702020404 | Little Satilla Creek | Keene Bay Branch to Dry Branch near Odum | Satilla |
| GAR030702020407 | Little Satilla Creek | Dry Branch to Boggy Creek | Satilla |
| GAR030702020409 | Little Satilla Creek | Alisons Creek to Keene Bay Branch | Satilla |
| GAR030702011104 | Little Satilla River | Sixty Foot Branch to Satilla River | Satilla |
| GAR030702020502 | Little Satilla River | Big Satilla Creek to Sixty Foot Branch | Satilla |
| GAR030702010903 | Mill Branch (formerly Big Branch) | Rigdon Branch to Little Hurricane Creek | Satilla |
| GAR030702010714 | Mill Creek | Lake Floree to Big Creek | Satilla |
| GAR030702010505 | Otter Creek | Tiger Creek to Seventeen Mile River | Satilla |
| GAR030702010509 | Otter Creek | Tributary 0.3 miles upstream New Forest Hwy to Tiger Creek | Satilla |
| GAR030702020503 | Otter Creek | Long Branch to Griffin Branch | Satilla |
| GAR030702010201 | Pudding Creek | Dark Bay to Satilla River N. of Pearson | Satilla |
| GAR030702010301 | Red Bluff Creek | Little Red Bluff Creek to Satilla River East of Pearson | Satilla |
| GAR030702020403 | Reedy Creek | Headwaters to Little Satilla Creek near Screven (Previously called Headwaters to Big Satilla Creek) | Satilla |
| GAR030702011213 | Rose Creek | Headwaters to the Satilla River | Satilla |
| GAR030702010102 | Satilla Creek | Hunters Creek East of Ocilla to Satilla River | Satilla |
| GAR030702010103 | Satilla Creek | Dorminy Lake to tributary 490 feet upstream of Quail Hollow Road | Satilla |
| GAR030702010204 | Satilla River | Reedy Creek to Indian Creek | Satilla |
| GAR030702010302 | Satilla River | Pudding Creek to Smut Branch near Pearson | Satilla |
| GAR030702010304 | Satilla River | Smut Branch to Red Bluff Creek | Satilla |
| GAR030702010703 | Satilla River | Seventeen Mile River to US Hwy 84/Ga. Hwy. 38 | Satilla |
| GAR030702011103 | Satilla River | U.S. Highway 84/Ga. Hwy. 38 to 6 miles downstream Hwy 15/121 | Satilla |
| GAR030702011105 | Satilla River | Six miles downstream of Ga. Hwy. 15 to Buffalo Creek | Satilla |
| GAR030702011207 | Satilla River | Buffalo Creek to Bullhead Bluff | Satilla |
| GAR030702011214 | Satilla River | Rose Creek to Woodbine Boat Ramp | Satilla |

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR030702011215 | Satilla River | Woodbine Boat Ramp to White Oak Creek | Satilla |
| GAR030702010404 | Seventeen Mile River | Roses Creek to Broxton Creek | Satilla |
| GAR030702010501 | Seventeen Mile River | Otter Creek (Douglas) to Twentynine Mile Creek | Satilla |
| GAR030702010502 | Seventeen Mile River | Twenty Mile Creek North of Douglas to Otter Creek downstream General Coffee State Park | Satilla |
| GAR030702010503 | Seventeen Mile River | Twentynine Mile Creek to Satilla River | Satilla |
| GAR030702020504 | Sixty Foot Branch | Headwaters to Otter Creek | Satilla |
| GAR030702010713 | South Prong Big Creek | Headwaters to Big Creek | Satilla |
| GAR030702020202 | Sweetwater Creek | Headwaters to Black Water Creek | Satilla |
| GAR030702020206 | Sweetwater Creek | Tributary 0.8 miles down Red Oak Rd to Big Satilla Creek near Baxley | Satilla |
| GAR030702020505 | Tributary #1 to Sixty-foot Branch | Headwaters to Sixty-foot Branch | Satilla |
| GAR030702010305 | Tributary to Little Red Bluff Creek | Albany Avenue West to Little Red Bluff Creek | Satilla |
| GAR030702020411 | Tributary to Little Satilla Creek | Headwaters to Little Satilla Creek | Satilla |
| GAR030702011005 | Tributary to the Alabaha River | 100 feet upstream Grady Road to the Alabaha River | Satilla |
| GAR030702010718 | Tributary to the Satilla River | Headwaters to the Satilla River | Satilla |
| GAR030702011209 | Waverly Creek | Headwaters to Quarterman Creek | Satilla |
| GAR030601060601 | Butler Creek | Phinizy Ditch to Savannah River, Augusta | Savannah |
| GAR030601060311 | Chicken Branch | Headwaters to Spirit Creek | Savannah |
| GAR030601090205 | Cowpen Branch | Headwaters to Runs Branch | Savannah |
| GAR030601090209 | Devils Branch | Headwaters to Runs Branch | Savannah |
| GAR030601080108 | Dry Branch | Headwaters to Sweetwater Creek | Savannah |
| GAR030601090203 | Ebenezer Creek | Long Bridge Road to Savannah River near Springfield | Savannah |
| GAR030601090208 | Jacks Branch | White Deer Branch to Ebenezer Creek | Savannah |
| GAR030601090210 | Little Ebenezer Creek | Headwaters to Ebenezer Creek | Savannah |
| GAR030601060309 | Little Spirit Creek | Headwaters to Spirit Creek | Savannah |

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR030601090311 | Lockner Creek | Polly Creek to the Savannah River | Savannah |
| GAR030601090312 | Pipe Makers Canal | Unnamed Tributary upstream of Dean Forest Road to the Savannah River | Savannah |
| GAR030601090324 | Pipe Makers Canal | Headwaters to Tributary 1 mile upstream Pooler Parkway | Savannah |
| GAR030601090206 | Runs Branch | Tributary 1.3 miles upstream Clyo Kildare Rd to Cowpen Branch | Savannah |
| GAR030601090211 | Runs Branch | Cowpen Creek to Turkey Creek | Savannah |
| GAR030601060308 | Spirit Creek | McDade Pond to Savannah River | Savannah |
| GAR030601090308 | St. Augustine Creek | Walthour Swamp (2.5 miles u/s I-95) to Front River near Port Wentworth | Savannah |
| GAR030601080103 | Sweetwater Creek | Headwaters to Brier Creek | Savannah |
| GAR030601090207 | Turkey Branch | Headwaters to Runs Branch | Savannah |
| GAR030702040602 | Boone Creek | Tributary 0.7 miles upstream Roberts Road to St. Marys River | St. Marys |
| GAR030702040914 | Casey Creek | Miller Branch to St. Marys River | St. Marys |
| GAR030702040912 | Catfish Creek | May Branch to the St. Marys River | St. Marys |
| GAR030702040305 | Clay Branch | Headwaters to Spanish Creek | St. Marys |
| GAR030702040701 | Corn House Creek | Headwaters to the St. Marys River | St. Marys |
| GAR030702040804 | Hatchers Branch | Headwaters to Spanish Creek | St. Marys |
| GAR030702040909 | Horsepen Creek (aka Temple Creek) | Temple Creek to the St. Marys River | St. Marys |
| GAR030702040913 | Miller Branch | Casey Creek to the St. Marys River | St. Marys |
| GAR030702040309 | North Prong St. Marys River | River Styx to Middle Fork St. Marys River | St. Marys |
| GAR030702040308 | River Styx | Headwaters to North Fork St. Marys River | St. Marys |
| GAR030702040801 | Spanish Creek | Long Branch to St. Marys River | St. Marys |
| GAR030702040802 | Spanish Creek | Little Spanish Creek to Long Branch | St. Marys |
| GAR030702040911 | St. Marys Cut East Branch | Riley Creek to the St. Marys River | St. Marys |
| GAR030702040310 | St. Marys River | Middle Fork St Marys River to Cedar Creek | St. Marys |
| GAR030702040501 | St. Marys River | South Prong St. Marys River to Deep Creek | St. Marys |
| GAR030702040603 | St. Marys River | Deep Creek to Boone Creek | St. Marys |
| GAR030702040604 | St. Marys River | Boone Creek to Cornhouse Creek | St. Marys |
| GAR030702040904 | St. Marys River | Catfish Creek to Millers Branch | St. Marys |

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR030702040916 | St. Marys River | Cornhouse Creek to Prospect Landing Rd. | St. Marys |
| GAR030702040917 | St. Marys River | Prospect Landing Rd. to St. Marys Cut | St. Marys |
| GAR030702040918 | St. Marys River | Tributary 0.8 miles upstream Cabbage Creek to Little St. Marys River | St. Marys |
| GAR030702040919 | St. Marys River | Little St. Marys River to Catfish Creek | St. Marys |
| GAR030702040307 | St. Marys River (previously North Prong St. Marys River) | Cedar Creek to South Prong St. Marys River | St. Marys |
| GAR030702040901 | St. Marys Trib. 5 (aka Cooner Branch) | Ray and Hannaford Lake to St. Marys River | St. Marys |
| GAR031102020301 | Alapaha River | U.S. Hwy. 280 to Sand Creek | Suwannee |
| GAR031102020402 | Alapaha River | Sand Creek to U.S. Hwy. 129/Ga. Hwy. 11 | Suwannee |
| GAR031102020404 | Alapaha River | U.S. Hwy. 129/Ga. Hwy. 11 to Willacoochee River | Suwannee |
| GAR031102020703 | Alapaha River | Willacoochee River to Dampier Branch | Suwannee |
| GAR031102021204 | Alapaha River | Dampier Branch to Cherry Creek | Suwannee |
| GAR031102021205 | Alapaha River | Cherry Creek to State line | Suwannee |
| GAR031102021101 | Alapahoochee River | Confluence of Mud Swamp Creek and Grand Bay Creek to Stateline | Suwannee |
| GAR031102020911 | Banks Lake | Lanier County | Suwannee |
| GAR031102030405 | Bear Creek | 0.3 miles upstream SR 7 to City of Adel Lake | Suwannee |
| GAR031102030307 | Beaverdam Creek | Rays Millpond to Cat Creek | Suwannee |
| GAR031102020804 | Big Creek | Fivemile Creek to Mill Creek | Suwannee |
| GAR031102020805 | Big Creek | Pond 0.3 miles upstream of GA-11 (East Main Street) to the Alapaha River | Suwannee |
| GAR031102010107 | Black River | Tom Thumb Creek to Alligator Creek | Suwannee |
| GAR031102010102 | Cane Creek | Rooty Branch to Okeefenokee Swamp near Homerville | Suwannee |
| GAR031102030304 | Cat Creek | Beatty Mill Creek to Withlacoochee River near Ray City | Suwannee |
| GAR031102030305 | Cat Creek | Beaverdam Creek downstream SR 37 to Beatty Mill Creek | Suwannee |

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR031102030308 | Cat Creek | Batterbee Branch to Beaverdam Creek | Suwannee |
| GAR031102021202 | Cow Creek | Headwaters to Alapaha River | Suwannee |
| GAR031102010401 | Cypress Creek | Tributary 0.8 miles upstream Council Rd to the Suwannee River | Suwannee |
| GAR031102020801 | Fivemile Creek | Downstream Gaskins Pond to Big Creek near Nashville | Suwannee |
| GAR031102040503 | Franks Creek | State Route S1780 (Morven Road) to Little River near Hahira | Suwannee |
| GAR031102020908 | Grand Bay Creek | Grand Bay to Alapahoochee River | Suwannee |
| GAR031102020305 | Hat Creek | Headwaters to Unnamed tributary 980 feet upstream of Bussey Rd | Suwannee |
| GAR031102040304 | Horse Creek | Headwaters near Sylvester to Warrior Creek | Suwannee |
| GAR031102030409 | Indian Trail Branch | Pond 0.75 miles upstream Adel Hwy (GA 37) to Bear Creek | Suwannee |
| GAR031102030903 | Jumping Gully Creek | Bevel Creek to State Line | Suwannee |
| GAR031102040102 | Little River | Newell Branch, downstream Hwy. 32 to Ashburn Branch, West of Sycamore | Suwannee |
| GAR031102040105 | Little River | Big Branch to Warrior Creek | Suwannee |
| GAR031102010106 | Little Suwannee Creek | Headwaters to Suwannee Creek | Suwannee |
| GAR031102020803 | Mill Creek | Lake Irma to Big Creek | Suwannee |
| GAR031102040501 | Morrison Creek | Headwaters to Wells Mill Creek (Adel) | Suwannee |
| GAR031102030602 | Mule Creek | Headwaters to Reedy Creek near Pavo | Suwannee |
| GAR031102030603 | Okapilco Creek | Rainy Creek to Mule Creek | Suwannee |
| GAR031102030704 | Piscola Creek | Allen Branch to Okapilco Creek near Boston | Suwannee |
| GAR031102030705 | Piscola Creek | Headwaters to Tributary 0.3 miles upstream of Pope Road | Suwannee |
| GAR031102030706 | Piscola Creek | Tributary 0.3 miles upstream of Pope Road to Whitlock Branch | Suwannee |
| GAR031102030707 | Piscola Creek | Downstream Whitlock Branch @ Ozell Road to Dry Lake Creek | Suwannee |
| GAR031102030708 | Piscola Creek | Dry Lake Creek to Allen Branch | Suwannee |
| GAR031102030702 | Pride Branch | Headwaters to Piscola Creek, Quitman | Suwannee |

| Reach ID | Reach Name | Reach Location | Basin |
|---|---|---|---|
| GAR031102010105 | Suwannee Creek | Little Suwannee Creek to Water Oak Creek | Suwannee |
| GAR031102010501 | Suwannee River | East Fork Suwannee River to State line | Suwannee |
| GAR031102010301 | Suwannoochee Creek | Lees Bay to Suwannee River | Suwannee |
| GAR031102010302 | Suwannoochee Creek | Bear Branch to Lees Bay | Suwannee |
| GAR031102010201 | Tatum Creek | Tributary at Fire Tower Road to Jones Creek | Suwannee |
| GAR031102010202 | Tatum Creek | Dikerson Mill Pond (0.4 miles upstream Millpond Rd) to tributary at Fire Tower Road | Suwannee |
| GAR031102010204 | Tatum Creek | Tributary 0.3 miles upstream Tower Road to Dry Branch | Suwannee |
| GAR031102010203 | Tatum Creek (formerly Jones Creek) | Dry Branch to the Suwannee River | Suwannee |
| GAR031102020802 | Tenmile Creek | Averys Millpond to Big Creek near Nashville | Suwannee |
| GAR031102010502 | Toms Creek | Headwaters to Stateline | Suwannee |
| GAR031102030207 | Tributary to the New River | 700 feet upstream of Old Ocilla Road to the New River | Suwannee |
| GAR031102020609 | Tributary to Turkey Branch | Tributary 300 feet upstream of W Cypress St to Turkey Branch | Suwannee |
| GAR031102030804 | Tributary to Withlacoochee River #2 | Headwaters to Withlacoochee River | Suwannee |
| GAR031102040308 | Warrior Creek | Lolly Creek to Rocky Creek near Norman Park | Suwannee |
| GAR031102020610 | Willacoochee River | Turkey Creek to tributary 0.4 miles upstream of Frank Road | Suwannee |
| GAR031102020611 | Willacoochee River | Tributary 0.4 miles upstream of Frank Road to SR 90 | Suwannee |
| GAR031102030101 | Withlacoochee River | Headwaters (Cypress Creek) to New River | Suwannee |
| GAR031102030401 | Withlacoochee River | Bay Branch to Little River | Suwannee |
| GAR031102010108 | Woodyard Creek | Tributary 400 feet downstream US 84 to Surveyors Creek | Suwannee |