

**Suwannee Satilla Regional Council  
Non Supporting 303d List  
Category 4a and 5  
Streams and Lakes**

Ranking	Map ID	River Basin	Reach Name	Reach Location	Criterion Violation <sup>1</sup>	Potential Cause <sup>2</sup>	Notes	Pollutant source <sup>3</sup>	Implementation Recommendations	Implementation Status
<b>LEVEL 1 REACHES</b>										
10	35	Satilla	Satilla River	Six miles d/s of Ga. Hwy. 15 to Bullhead Bluff	TWR	NP	TMDL completed TWR.	Note A below	A	NA
10	57	Suwannee	Alapaha River	U.S. Hwy. 129/Ga. Hwy. 11 to Stateline	TWR	NP	TMDL completed TWR.	Note A below	A	NA
9	12	Satilla	Little Hurricane Creek	Ga. Hwy. 32 to Hurricane Cr.	DO, FC	NP	TMDLs completed DO, FC.	I, A, F, R	T	Underway (expected completion date 2012)
9	29	Satilla	Big Satilla Creek	Headwaters near Hazlehurst to Sweetwater Cr. near Baxley	DO, FC	UR	TMDL completed DO, FC.	U, A, F	T	Underway (expected completion date 2012)
9	63	Suwannee	Suwannee River	Mainstem-Suwannee Canal to Stateline	TWR, DO	NP	TMDL completed TWR.	Note A below	A	NA
9	95	Suwannee	Piscola Creek	Downstream Whitlock Branch @ Ozell Road to Okapilco Creek near Boston	DO, FC	NP	TMDL completed DO.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
8	4	Ocmulgee	House Creek	Ball Creek to Little House Creek	DO, pH, FC	NP	TMDLs completed DO, pH, FC.	Naturally low DO, U, A, F, R, O (pH)	T, B	Underway (expected completion date 2012)
8	40	Satilla	Satilla River	U.S. Highway 84/Ga. Hwy. 38 to 6 miles downstream Hwy 15/121	TWR	UR	TMDL completed TWR.	Note A below	A	NA
8	47	St Marys	N. Prong St. Marys River	Headwaters to Cedar Cr.	DO, TWR	NP	TMDLs completed DO, TWR.	A, F, R, O (hay-producing fields and wetlands) & Note A below	T	Underway (expected completion date 2012)
8	62	Suwannee	Suwannee Canal	Okefenokee Swamp	TWR	NP	TMDL completed TWR.	Note A below	A	NA
8	73	Suwannee	Withlacoochee River	New River to Bay Branch	TWR	NP	TMDL completed TWR.	Note A below	A	NA
8	82	Suwannee	Alapaha River	Sand Creek to U.S. Hwy. 129/Ga. Hwy. 11	DO, TWR	NP	TMDLs completed DO, TWR.	I, U, A, F, R, O (low flow stream conditions) & Note A below	T	Underway (expected completion date 2012)
8	93	Suwannee	Withlacoochee River	Little River to Stateline	TWR	NP	TMDL completed TWR.	Note A below	A	NA
8	104	Suwannee	Sand Creek	Headwaters E. of Sycamore to Alapaha River	DO, FC	NP	TMDLs completed DO, FC.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
8	108	Suwannee	Alapaha River	U.S. Hwy. 280 to Sand Creek	DO	NP	TMDL completed DO.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
8	56	Suwannee	Withlacoochee River	Headwaters (Hardy Mill Creek) to New River	TWR, FC	NP	TMDL completed DO, TWR.	U, A, F, R, O (low flow stream conditions) & Note A below	A	Underway (expected completion date 2012)

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<b>LEVEL 2 REACHES</b>										
7	7	Satilla	Pudding Creek	Park Bay to Satilla River N. of Pearson	DO, FC	NP	TMDLs completed DO, FC.	A,F,R, O (wetlands, heavy forested terrain)	T	Underway (expected completion date 2012)
7	11	Satilla	Hurricane Creek	Downstream Little Cr. to Ten Mile Cr. near Alma	FC	NP	TMDLs completed FC, DO.	I,U,A,F,R,O (wetlands, heavy forested terrain)	T	Underway (expected completion date 2012)
7	24	Satilla	Satilla River	Satilla Cr. to Reedy Cr. near Douglas	DO	NP	TMDL completed DO.	A, F, O (wetlands, croplands, Heavy forested areas)	T	Underway (expected completion date 2012)
7	25	Satilla	Seventeen Mile River	Twenty Mile Cr. N. of Douglas to Otter Cr. downstream Gen. Coffee St. Park	DO, FC	UR	TMDLs completed DO, FC.	I, U, A, F, R, O (wetlands, forested areas and terrain)	T	Underway (expected completion date 2012)
7	26	Satilla	Seventeen Mile River	Twentynine Mile Cr. to Satilla River	DO	NP	TMDL completed DO.	I, U, A, F, R, O (wetlands, forested areas and terrain)	T	Underway (expected completion date 2012)
7	27	Satilla	Hog Creek	Hurricane Cr. to Satilla River S. of Nicholls near Bickley	DO	NP	TMDLs completed DO, FC.	A, F	T	Underway (expected completion date 2012)
7	36	Satilla	Little Satilla River	Big Satilla Cr. to Sixty Foot Branch	DO, FC	NP	TMDLs completed DO, FC.	I, U, A, F, R, O (wetlands, forest terrain)	T	Underway (expected completion date 2012)
7	46	St Marys	Corn House Creek	Upstream St. Marys River	DO, FC	NP	TMDLs completed DO, FC.	Naturally low DO, No plan for FC	B	NA
7	48	St Marys	Spanish Creek	Long Branch to St. Marys River	DO, FC	UR	TMDLs completed DO, FC.	I, U, F, R, O (City of Folkston's spray field)	T	Underway (expected completion date 2012)
7	59	Suwannee	Okapilco Creek	SR 76, Quitman to Withlacoochee River	DO, FC	NP	TMDLs completed DO, FC.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
7	66	Suwannee	Suwannoochee Creek	Lees Bay to Suwannee River	DO	NP	TMDL completed DO, Cd.	Naturally low DO, list of mgt practices for Cd	T, B, C	Underway (expected completion date 2012)
7	68	Suwannee	Suwannee Creek	Headwaters to Little Suwannee Cr. near Manor	DO	NP	TMDL completed DO.	A, F, O (wetlands, heavy forested areas terrain)	T	Underway (expected completion date 2012)
7	92	Suwannee	Withlacoochee River	Bay Branch to Little River	FC, TWR	NP	TMDLs completed FC, TWR.	I, U, A, F, R, O, & Note A below	T, A	Underway (expected completion date 2012)
7	106	Suwannee	Little River	Ashburn Branch W. of Sycamore to Big Branch	DO	NP	TMDL completed DO.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
7	60	Suwannee	Pride Branch (Formerly Negro Branch)	Headwaters to Piscola Cr., Quitman	FC, pH	NP	TMDL completed DO, FC.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
7	94	Suwannee	Mule Creek	Headwaters to Reedy Cr. near Pavo	DO, FC	NP	TMDL completed DO.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
6	2	Ocmulgee	Otter Creek	~1.7 mi u/s GA 182 (Old River Rd) to Ocmulgee River	Bio F	NP	TMDL completed Bio(F).	Implementation plan not found	NA	NA
6	3	Ocmulgee	Sturgeon Creek	Dickson Mill Creek to Ocmulgee River	Bio F	NP	TMDL completed Bio(F).	Implementation plan not found	NA	NA

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6	8	Satilla	Satilla River	Pudding Cr. to Smut Br. near Pearson	FC	NP	TMDLs completed DO, FC.	A, F, O (wetlands)	T	Underway (expected completion date 2011)
6	13	Satilla	Big Creek	South Prong Big Cr. to Satilla River	DO	NP	TMDL completed DO.	I, U, A, F, R, O (wetlands, forested areas, terrain, lakes golf course, Laura Walker State Park)	T	Underway (expected completion date 2012)
6	19	Satilla	Broxton Creek	Seven Cr. to Seventeen Mile River near Broxton	DO	NP	TMDL completed DO, FC.	I, U, A, F, R, O (wetlands)	T	Underway (expected completion date 2012)
6	21	Satilla	Hog Creek	Downstream CR185 to Hurricane Cr. near Nicholls	FC	UR	TMDL completed FC.	A, U, R	T	Underway (expected completion date 2011)
6	23	Satilla	Roses Creek	Upstream Ga. Hwy. 206 to Seventeen Mile River near Broxton	FC	NP	TMDLs completed FC, DO.	I, U, A, F, R, O (Wetlands)	T	Underway (expected completion date 2012)
6	28	Satilla	Satilla Creek	Hunters Cr. E. of Ocilla to Satilla River	DO	NP	TMDLs completed DO, FC.	A, F, O (wetlands, croplands, terrain, heavy forested areas)	T	Underway (expected completion date 2012)
6	38	Satilla	City Drainage Canal	Trib. to Satilla River, Waycross	FC	UR	TMDL completed FC.	A, U, R	T	Underway (expected completion date 2011)
6	45	St Marys	Boone Creek	Upstream St. Marys River	DO	NP	TMDL completed DO.	Naturally low DO	B	NA
6	49	Suwannee	Turkey Branch	Headwaters to Willacoochee River downstream Fitzgerald	FC	M	TMDLs completed FC, DO, TWR, Cd, Cu, Pb, Zn.	C. A Newcomer WPCP	T, A, C, D, E, F	NA
6	55	Suwannee	Tributary to Withlacoochee River	Upstream Morris Pond, Nashville	DO	NP	TMDL completed DO.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
6	58	Suwannee	Cat Creek	Beaverdam Cr. downstream SR 37 to Withlacoochee River near Ray City	DO	NP	TMDL completed DO.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
6	65	Suwannee	Cane Creek	Rooty Branch to Okefenokee Swamp near Homerville	DO	NP	TMDL completed DO.	Naturally low DO	B	NA
6	69	Suwannee	Ty Ty Creek	Tucker Cr. to Warrior Cr. near Omega	DO	NP	TMDL completed DO.	U, A, R	T	Underway (expected completion date 2012)
6	70	Suwannee	Bear Creek	City of Adel Lake to Withlacoochee River	FC	M	TMDLs completed FC, DO.	I, U, A, F, R, O	T	Underway (expected completion date 2012)
6	71	Suwannee	Giddens Mills Creek	U/S U.S. Hwy. 41/SR 7 to Bear Cr., Adel	DO	UR	TMDL completed DO.	I, U, A, F, R, O	T	Underway (expected completion date 2012)
6	77	Suwannee	Alapahoochee River	Confluence of Mud and Grand Bay Cr. to Stateline	FC	NP	TMDL completed TWR.	WQ met- was delisted for FCG (Hg)	NA	NA
6	80	Suwannee	Little Brushy Creek	Stump Cr. to Reedy Cr. S. of Ocilla	FC	NP	TMDLs completed FC, DO.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)

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6	81	Suwannee	Reedy Creek	Little Creek (upstream U.S. Hwy. 319/SR 35) to Little Brushy Cr., S. of Ocilla	DO	NP	TMDL completed DO.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
6	89	Suwannee	Franks Creek	St. Rt. S1780 to Little River near Hahira	FC	UR	TMDLs completed FC & DO.	I, U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2013)
6	90	Suwannee	Mud Creek (also known as Mud Swamp Creek)	D/S Valdosta Mud Cr. WPCP to Alapahoochee River	FC	UR	TMDL completed FC.	U, O (Leaking septic tanks, broken sewer lines)	T	Underway (expected completion date 2013)
6	91	Suwannee	Two Mile Branch	Headwaters to Sugar Cr., Valdosta	FC	UR	TMDL completed FC.	I, U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2013)
6	96	Suwannee	New River	Westside Branch to Gum Cr. downstream Tifton	FC	M, UR	TMDLs completed FC, DO.	I, U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
6	97	Suwannee	Southside Branch	Tributary to New River, Tifton	FC	UR	TMDL completed FC.	U, R, F, O (City of Tifton's Regional Wastewater Treatment Complex)	T	Underway (expected completion date 2013)
6	98	Suwannee	Westside Branch	Tributary to Little River, Tifton	FC	UR	TMDL completed FC.	U, R, F, O (City of Tifton's Regional Wastewater Treatment Complex)	T	Underway (expected completion date 2013)
6	111 (Lake)	Suwannee (Lake)	Banks Lake	Lanier County	TWR	NP	TMDL completed TWR.	Note A below	A	NA
6	101	Suwannee	Little River	Newell Branch, d/s Hwy. 32 to Ashburn Branch, W. of Sycamore	DO	NP	TMDL completed DO.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
6	103	Suwannee	West Fork Deep Creek	Downstream SR S1798 to downstream SR 159 N. of Ashburn	DO	NP	TMDL completed DO.	A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
6	107	Suwannee	Greasy Branch	U.S. Hwy. 84/SR38 to Okefenokee Swamp	DO	NP	TMDL completed DO.	A, F, O (wetlands, heavy forested areas terrain)	T	Underway (expected completion date 2012)
6	109	Suwannee	Ty Ty Creek	Little Cr. near Ty Ty to Tucker Cr. near Omega	FC	NP	TMDLs completed FC, DO.	U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)

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<b>LEVEL 3 REACHES</b>										
5	14	Satilla	Buffalo Creek	Little Buffalo Cr. to Satilla River	FC	NP	TMDL completed DO.	A, F, R	T	Underway (expected completion date 2012)
5	34	Satilla	Alabaha River	Tan Trough Cr. to Satilla River	FC	NP	None	NA	NA	NA
5	72	Suwannee	Morrison Creek	Adel	FC	NP	TMDL completed DO.	I, U, A, F, R, O (low flow stream conditions)	T	Underway (expected completion date 2012)
5	110 (Lake)	Suwannee (Lake)	Reed Bingham Lake	Reed Bingham State Park	TWR	NP	None	NA	NA	NA
4	6	Satilla	Little Red Bluff Creek	Headwaters to Red Bluff Creek	DO	NP, M	None	NA	NA	NA
4	20	Satilla	Dry Creek	Headwaters to Hurricane Creek	FC	NP	None	NA	NA	NA
4	22	Satilla	Hurricane Creek	Bear Creek to Dry Creek	FC	NP, UR	None	NA	NA	NA
4	67	Suwannee	Tatum Creek	Dickerson Millpond to Tower Road	FC	NP	None	NA	NA	NA
4	100	Suwannee	Lime Sink Creek	Headwaters to Daniels Creek	Bio M	NP	None	NA	NA	NA
4	102	Suwannee	Snapfinger Creek	Headwaters to Deep Creek	Bio M	NP	None	NA	NA	NA
4	105	Suwannee	Daniels Creek	Headwaters to Big Branch	Bio M	NP	None	NA	NA	NA

**Notes:**

1. Criterion Violation

- Bio F = Biota Impacted (Fish Community)
- Bio M = Biota Impacted (Macroinvertebrate Community)
- DO = Dissolved Oxygen
- FC = Fecal Coliform Bacteria
- TWR = Trophic-Weighted Residue Value of mercury in fish tissue exceeding the EPD human health standard of 0.3 mg/kg
- pH = Hydrogen Ion Concentration (Acidity or Basicity of a solution)

2. Potential Cause

- NP = Nonpoint Source/Unknown Source
- UR = Urban Runoff/Urban Effects
- M = Municipal Facility

3. Pollutant Source

- I = Industrial
- U = Urban
- A = Agriculture
- F = Forestry
- R = Residential
- O = Other

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A. Mercury is a toxic metal and a naturally occurring element found throughout the environment. According to EPA, mercury is one of the persistent, bioaccumulative, and toxic, or PBT, pollutants. The largest sources of mercury air emissions are coal-fired electrical utilities, municipal waste combustors, medical waste incinerators, and hazardous waste combustors. Implementation to include monitoring of mercury in NPDES facilities discharging to impaired streams and mercury minimization in effluent; EPA and EPD work to improve emissions and characterization of sources of mercury in air emissions.

B. DO impairments are driven by persistent low flows and high temperatures. Naturally occurring low levels of dissolved oxygen are often the result of high organic (leaf litterfall, decomposing plants) loading, slow flows (due to minimum topographical relief) and elevated temperatures in a surface water system Implementation to include management practices and activities that are already in place, including watershed assessments of pollutant sources and controls as well as water quality sampling and monitoring.

C. Cadmium is a metal frequently used in electroplating and rechargeable batteries. Cadmium occurring in stream is attributed to sources that include aerial application of fertilizers, chemicals, contaminated humus, raw sewage spill/discharge, and runoff from land disturbing activities. Improper methods of trash collection and disposal of fluids and materials associated with mechanical repairs, protective coverings on metals and plastics also contribute to Cd contamination. Implementation to include management practices and activities that are already in place

D. Copper is a naturally occurring element found in various compounds commonly used in water pipes, coinage, electrical wiring and components. Monitoring plan was established for the C. A. Newcomer WPCP as it was the only major point discharger in the Turkey Branch.

E. Zinc is a common metallic element used as coating to rustproof steel, in dry batteries and to make alloys such as brass and bronze. Zinc compounds are widely used to make paint, rubber, dye and wood preservatives. Monitoring plan was established for the C. A. Newcomer WPCP as it was the only major point discharger in the Turkey Branch.

F. Lead is a naturally occurring metal found in paint, anti-knock additive in gasoline, in batteries, solder and other metal products. Monitoring plan was established for the C. A. Newcomer WPCP as it was the only major point discharger in the Turkey Branch.

T. Look in Table 6-1 Management Practices for Suwannee-Satilla Region in the SSA Regional Water Management Plan