



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

April 16, 2019

Kevin King
Pinellas County
1620 Ridge Road, Building A
Largo, Florida 33778
kmking@pinellascounty.org

Re: South Cross Bayou AWWTF
Permit Number FL0040436

Dear Mr. King:

The Department of Environmental Protection has reviewed the local limits re-evaluation for the above-referenced Industrial Pretreatment Program (IPP) received on February 26, 2019. The proposed local limits appear to be technically defensible and are approved.

The approved local limits for both South Cross Bayou AWWTF (FL0040436) and William E. Dunn WRF (FL0128775) are provided in Attachment A and Attachment B, respectively. Since the modification to the County's local limits results in neither a less stringent limitation nor a need to modify the County's sewer use ordinance, a substantial program modification will not be required. Please implement the changes as provided in the County's proposed and approved local limits.

The Department appreciates your efforts to maintain this IPP in compliance with state and federal rules. If you have any questions or comments, please contact Blair Burleson, P.E., at 850-245-8619 or via e-mail at Blair.F.Burleson@dep.state.fl.us.

Sincerely,

A handwritten signature in cursive script that reads "Blair F. Burleson".

Blair F. Burleson, P.E.
Pretreatment Coordinator
Domestic Wastewater Program, Tallahassee
Department of Environmental Protection

cc: Charles Toney, Pinellas County, ctoney@co.pinellas.fl.us
Kelley Boatwright, Southwest District, Kelley.M.Boatwright@dep.state.fl.us
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Andrea Sestokas, E.I., DEP WRM, Andrea.Sestokas@floridadep.gov

ATTACHMENT A

Pinellas County; South Cross Bayou AWWTF (FL0040436)
Approved Local Limits

PARAMETER	EXISTING LOCAL LIMIT (MG/L)	PROPOSED LOCAL LIMIT (MG/L)	BASIS
Arsenic	0.1	0.1	Pass through based on permit limit
BOD ₅	5,000	5,000	Pass through based on permit limit
Cadmium, Total	0.14	0.14	Residuals land application
Chromium, Total	2.6	2.6	Interference based on nitrification
Copper, Total	1.0	1.0	Interference based on nitrification
Cyanide	1.0	1.0	Pass through based on surface water standards
Lead, Total	0.6	0.6	Residuals land application
Mercury	0.062	0.062	Pass through based on surface water standards
Molybdenum	0.16	0.16	Residuals land application
Nickel, Total	1.0	1.0	Pass through based on surface water standards
Selenium	0.35	0.35	Residuals land application
Silver, Total	2.0	1.6	Pass through based on surface water standards
Total Phenols	5.0	5.0	Interference based on nitrification
TSS	5,000	5,000	Pass through based on permit limit
Zinc, Total	2.0	2.0	Interference based on nitrification

ATTACHMENT B

Pinellas County; William E. Dunn WRF (FL0128775)
Approved Local Limits

PARAMETER	EXISTING LOCAL LIMIT (MG/L)	PROPOSED LOCAL LIMIT (MG/L)	BASIS
Arsenic	0.1	0.1	Pass through based on permit limit
BOD ₅	5,000	5,000	Pass through based on permit limit
Cadmium, Total	0.25	0.25	Residuals land application
Chromium, Total	2.6	2.6	Interference based on nitrification
Copper, Total	1.0	1.0	Interference based on nitrification
Cyanide	1.0	1.0	Interference based on activated sludge
Lead, Total	0.6	0.6	Residuals land application
Mercury	0.015	0.015	Residuals land application
Molybdenum	0.3	0.3	Residuals land application
Nickel, Total	2.68	2.68	Residuals land application
Selenium	0.62	0.62	Pass through based on reuse
Silver, Total	2.0	2.0	Interference based on activated sludge
Total Phenols	5.0	5.0	Interference based on nitrification
TSS	5,000	5,000	Pass through based on permit limit
Zinc, Total	2.0	2.0	Interference based on nitrification