

# Georgia Department of Natural Resources

Environmental Protection Division • Watershed Protection Branch  
2 Martin Luther King Jr. Drive • Suite 1152 East • Atlanta • Georgia 30334  
(404) 463-1511; Fax (404) 656-2453  
Richard E. Dunn, Director

June 27, 2016

Mr. Jason Hall, City Manager  
City of Lyons  
161 NE Broad Street  
Lyons, GA 30436

RE: North WPCP Expansion  
NPDES Permit No. GA0033391  
Wasteload Allocation (WLA) Extension  
EPD # 2009-078  
(Toombs County)

Dear Mr. Hall:

We are in receipt of the City's request to extend the October 27, 2009 wasteload allocations for the discharge of treated domestic wastewater into Swift Creek in the Altamaha River basin. We have determined that your request can be granted.

The following wasteload allocations are valid for one year from the date of this letter unless a written extension is requested and granted. This wasteload is for planning purposes only.

Recommended effluent permit limits – Discharge to Swift Creek:

<sup>1</sup> Constituent/Parameter	Limits	
Effluent Flow Rate (MGD)	0.75	1.5
Five-Day Biochemical Oxygen Demand (mg/L)	--	--
January – April	7.5	7.5
May – October	5.0	5.0
November – December	7.5	7.5
Total Suspended Solids (mg/L)	20	20
Ammonia, as N (mg/L)	--	--
January – April	2.0	2.0
May – October	1.0	1.0
November – December	2.0	2.0
Total Phosphorus, as P (mg/L)	1.3	1.0

<sup>(1)</sup> Values are maximum monthly averages except as noted.

Recommended effluent permit limits – Discharge to Swift Creek: (Continued)

Constituent/Parameter <sup>(1)</sup>	Limits	
	Effluent Flow Rate (MGD)	0.75
Dissolved Oxygen, Minimum (mg/L)	6.0	6.0
Fecal Coliform Bacteria (count/100mL, geometric mean)	200	200
pH (standards units)	6.0-8.5	6.0-8.5
Total Residual Chlorine, Maximum (mg/L) <sup>(2)</sup>	0.02	0.02
Ortho-Phosphate (mg/L)	Monitor	Monitor
Nitrate-Nitrite, as N (mg/L)	Monitor	Monitor
Organic Nitrogen, as N (mg/L)	Monitor	Monitor
Total Kjeldahl Nitrogen (mg/L)	Monitor	Monitor

<sup>(1)</sup> Values are maximum monthly averages except as noted.

<sup>(2)</sup> Applicable only if chlorine is used.

Instream monitoring upstream and downstream from the discharge will be required once per week throughout the year. Monitoring parameters will include temperature, dissolved oxygen, and pH.

The nutrient permit limits in this wasteload allocation are in accordance with EPD’s proactive Strategy for Addressing Phosphorus Loadings in State Waters. In advance of adopted nutrient standards, permit applicants can opt out of the permit limit with acknowledgement of the upcoming requirements. Once standards are set, permits will be revised to include related permit limits. Permittees that opt out of the proactive limits will be expected to meet the resulting nutrient permit limits very quickly, and should not expect to be placed on an extended schedule to come into compliance. In order to opt out and not be subject to the phosphorus limit in advance of standards setting, the permit applicant must advise EPD of this decision prior to or concurrent with submitting the Design Development Report to EPD.

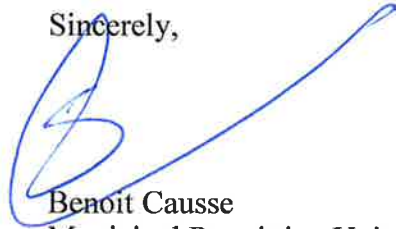
Communities requesting a new or increased surface water discharge permit are required to prepare a Watershed Assessment (WA) and Watershed Protection Plan (WPP) for the watersheds in their jurisdiction if they have not already done so. Prior to conducting the Watershed Assessment, a Watershed Monitoring Plan describing the field study proposed for the Watershed Assessment should be submitted for review and approval. We strongly recommend that a pre-submittal meeting be held with our TMDL Modeling and Development Unit prior to submitting the Watershed Monitoring Plan. Guidance for preparation of the Watershed Monitoring Plan, Watershed Assessment and Watershed Protection Plan can be found at [www.gaepd.org](http://www.gaepd.org).

The City will also be required to perform an Antidegradation analysis justifying the proposed discharge. Please submit the report for review and concurrence.

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If you have any questions, please do not hesitate to contact me at 404-463-4958 or [benoit.causse@dnr.ga.gov](mailto:benoit.causse@dnr.ga.gov).

Sincerely,



Benoit Causse  
Municipal Permitting Unit  
Wastewater Regulatory Program

cc: Mr. John Fry, P.E., Hofstadter & Associates, Inc. ([john.hofstadter@gmail.com](mailto:john.hofstadter@gmail.com))