

DMR Copy of Record

Permit #:		GA0026816		Permittee:		Dekalb County Department of Watershed Management					Facility:		DEKALB COUNTY - POLEBRIDGE CREEK WPCP							
Major:		Yes		Permittee Address:		1580 Roadhaven Drive Stone Mountain, GA 30083					Facility Location:		4664 FLAT BRIDGE RD LITHONIA, GA 30038							
Permitted Feature:		001 External Outfall		Discharge:		001-B Final Discharge (20 MGD)														
Report Dates & Status																				
Monitoring Period:		From 06/01/17 to 06/30/17		DMR Due Date:		07/15/17					Status:		NetDMR Validated							
Considerations for Form Completion																				
Principal Executive Officer																				
First Name:				Title:								Telephone:								
Last Name:																				
No Data Indicator (NODI)																				
Form NODI:		--																		
Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	7.5					19 - mg/L		01/01 - Daily	GR - GRAB
					Permit Req.					>=	6 MINIMUM					19 - mg/L	01/01 - Daily		GR - GRAB	
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	3	--	Sample	=	133.36	=	164.94	01 - kg/d			=	5	=	6.4	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Permit Req.	<=	1137 MO AVG	<=	1422 WKLY AVG	01 - kg/d			<=	15 MO AVG	<=	22 WKLY AVG	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Value NODI															
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample	=	5529	=	5793	01 - kg/d			=	206	=	228	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	01 - kg/d				Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.6			=	7.4	12 - SU		01/01 - Daily	GR - GRAB
					Permit Req.					>=	6 MINIMUM			<=	8.5 MAXIMUM	12 - SU	01/01 - Daily		GR - GRAB	
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	34.4	=	38.67	01 - kg/d			=	1.29	=	1.4	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Permit Req.	<=	1516 MO AVG	<=	1895 WKLY AVG	01 - kg/d			<=	20 MO AVG	<=	30 WKLY AVG	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	6200	=	7477	01 - kg/d			=	228	=	255.4	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	01 - kg/d				Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Value NODI															
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0	--	Sample								=	0.9			19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.									Req Mon MO AVG			19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	2.85	=	3.33	01 - kg/d			=	0.1	=	0.13	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Permit Req.	<=	167 MO AVG	<=	209 WKLY AVG	01 - kg/d			<=	2.2 MO AVG	<=	3.3 WKLY AVG	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Value NODI															
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample								<	1			19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.									Req Mon MO AVG			19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample								=	7.53			19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.									Req Mon MO AVG			19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=	1.27	=	2.81	01 - kg/d			=	0.05	=	0.11	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Permit Req.	<=	23 MO AVG	<=	28 WKLY AVG	01 - kg/d			<=	.3 MO AVG	<=	.45 WKLY AVG	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	7.25	=	8.86	03 - MGD									01/01 - Daily	CN - CONTIN
					Permit Req.	<=	20 MO AVG	<=	25 WKLY AVG	03 - MGD									01/01 - Daily	CN - CONTIN
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						=	0.01	=	0.01	=	0.01	19 - mg/L		01/01 - Daily	GR - GRAB
					Permit Req.					<=	.01 MO AVG	<=	.01 WKLY AVG	<=	.01 DAILY MX	19 - mg/L	01/01 - Daily		GR - GRAB	
					Value NODI															
50785	Phosphorus, ortho	1 - Effluent Gross	0	--	Sample								=	0.01	=	0.04	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample								=	1.46	=	10	13 - #/100mL		03/DW - 3 Days Every Week	GR - GRAB
					Permit Req.							<=	200 MOAV GEO	<=	400 WKAV GEO	13 - #/100mL	03/DW - 3 Days Every Week		GR - GRAB	
					Value NODI															
78477	Solids, sludge, total, dry weight	SL - Sludge	0	--	Sample	=	124.65			70 - dry ton									01/30 - Monthly	CA - CALCTD
					Permit Req.		Req Mon MO TOTAL			70 - dry ton									01/30 - Monthly	CA - CALCTD
					Value NODI															

81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample					=	97.41					23 - %	01/30 - Monthly	CA - CALCTD
					Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
					Value NODI													
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample					=	99.35					23 - %	01/30 - Monthly	CA - CALCTD
					Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
					Value NODI													
TBP3B	Noel Statre 7Day Chronic Ceriodaphnia	1 - Effluent Gross	0	--	Sample					=	1					23 - %	01/YR - Annual	CP - COMPOS
					Permit Req.						Req Mon MINIMUM					23 - %	01/YR - Annual	CP - COMPOS
					Value NODI													
TBP6C	Noel Statre 7Day Chronic Pimephales	1 - Effluent Gross	0	--	Sample					=	1					23 - %	01/YR - Annual	CP - COMPOS
					Permit Req.						Req Mon MINIMUM					23 - %	01/YR - Annual	CP - COMPOS
					Value NODI													

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Annual Priority Pollutant scan and biomonitoring report attached. Also, 1. Influent Flow meter installation is underway, loadings are calculated using effluent meters at this time. 2. A total of 4 Nitrate-Nitrite samples were collected. 3. Organic nitrogen was calculated as Organic nitrogen =TKN on the 24th of June monthly average nitrogen,ammonia since no value was recorded on the 24th of June. 4. For Fecal Coliform, the third week (18th to 24th) has 4 data points instead of 3 and the weekly average was calculated for 4 data points instead of 3. 5. The BOD5 percentage removal is the result of the average of the differences of each day's percentage BOD5 removal (based on mg/L values), which will differ slightly from calculating the percentage BOD5 removal as 100*(BOD5,in,avg - BOD5,eff,avg)/BOD5,in,avg. 6. The TSS percentage removal is the result of the average of the differences of each day's percentage TSS removal (based on mg/L values), which will differ slightly from calculating the percentage TSS removal as 100*(TSS,in,avg - TSS,eff,avg)/TSS,in,avg.

Attachments

Name	Type	Size
Annual_priority_pollutant(June2017)_1706E75_REPORT.pdf	pdf	2467936
June2017eDMR-PoleBridge.xls	xls	95744
biomonitoring_report_17-06-64332-chronic-cf.pdf	pdf	1415165
June2017LOR-PoleBridge.xls	xls	254464

Report Last Saved By

Dekalb County Department of Watershed Management

User:	VBHOGINENI	Date/Time:	2017-07-13 10:53 (Time Zone: -04:00)
Name:	Vasudha Bhogineni		
E-Mail:	vbhogineni@dekalbcountyga.gov		