DMR Copy of Record

Permit

GA0026816 Permit #:

Permittee: Dekalb County Department of Watershed Management

Yes Major:

1580 Roadhaven Drive Stone Mountain, GA 30083

Facility:

Facility Location:

DEKALB COUNTY - POLEBRIDGE CREEK WPCP

4664 FLAT BRIDGE RD LITHONIA, GA 30038

Discharge: 001-B **Permitted Feature:** 001 External Outfall Final Discharge (20 MGD)

Permittee Address:

Report Dates & Status

DMR Due Date: Status: **Monitoring Period:** From 06/01/18 to 06/30/18 07/15/18 **NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

Telephone: Title: First Name: Reginald 770-621-7204 Interim Director, Watershed Management

rst Name: Reginald		III	Title: Interim Director, Watershed Management						Telephone: 770-621-7204							
_ast Name:	Vells															
No Data Indicator (NODI)																
Form NODI:																
Parameter	Monitoring Location	Season # Param. N	IODI		Quantity	or Loading				Qua	lity or Concentra	ation		#	of Ex. Frequency of Analysis	Sample Typ
Code Name				Qualifier 1 Value 1		ifier 2 Value 2	Units	Qualifier 1	Value 1	Qualifier 2		Qualifier 3	3 Value 3	Units		30 10 21
			Sample					=	7.3					19 - mg/L	01/01 - Daily	GR - GRAB
Oxygen, dissolved [DO]	1 - Effluent Gross	0	Permit Req.					>=	6 MINIMUM					19 - mg/L	01/01 - Daily	GR - GRAB
			Value NODI													
00310 BOD, 5-day, 20 deg. C			Sample	= 77.37	=	95	01 - kg/d			=	3.1	=	3.8	19 - mg/L	05/DW - 5 Days Every Wee	
	1 - Effluent Gross	3	Permit Req. Value NODI		<=	1422 WKLY AVG	01 - kg/d			<=	15 MO AVG	<=	22 WKLY AVG	19 - mg/L	05/DW - 5 Days Every Wee	k CP - COMPO
			Sample	= 8040	=	8148	01 - kg/d			=	321		334	19 - mg/L	05/DW - 5 Days Every Wee	k CP - COMPO
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	Permit Req.			Req Mon WKLY AV				<u>-</u>	Reg Mon MO A	VG _	Req Mon WKLY AVO	-	05/DW - 5 Days Every Wee	
	o rian conago minacin		Value NODI	·		1104 11011 111121 111					rtoq morrimo / t		rioq mon mile i mile	,	55/211 5 2ays 216.9 1166	0. 00
			Sample					=	6.3			=	7.2	12 - SU	01/01 - Daily	GR - GRAB
00400 pH	1 - Effluent Gross	0	Permit Req.					>=	6 MINIMUM			<=	8.5 MAXIMUM	12 - SU	01/01 - Daily	GR - GRAB
			Value NODI													
			Sample	= 62.52	=	120.63	01 - kg/d			=	2.5	=	4.8	19 - mg/L	05/DW - 5 Days Every Wee	
Solids, total suspended	1 - Effluent Gross	0	Permit Req.		<=	1895 WKLY AVG	01 - kg/d			<=	20 MO AVG	<=	30 WKLY AVG	19 - mg/L	05/DW - 5 Days Every Wee	k CP - COMPO
			Value NODI			40004	04 1/-1				100.5		547.4	40	05/00/4 5 0 5 10/4	L OD COMPO
00520 Calida tatal ayanandad	G - Raw Sewage Influent	0	Sample Permit Req.	= 10207	=	13664	01 - kg/d			=	409.5 Reg Mon MO A	= VG	547.4 Req Mon WKLY AVO	19 - mg/L	05/DW - 5 Days Every Wee	
00530 Solids, total suspended	G - Raw Sewage Illiluelli		Value NODI	·	G	Req Mon WKLY AV	/G 01 - kg/u				Red Moll MO A	VG	Req Mon WKLT AV	5 19 - 111g/L	05/DW - 5 Days Every Wee	K CP - COMPC
			Sample							=	0.9			19 - mg/L	01/30 - Monthly	CP - COMPO
00605 Nitrogen, organic total [as N]	1 - Effluent Gross	0	Permit Req.								Req Mon MO A	VG		19 - mg/L	01/30 - Monthly	CP - COMPC
			Value NODI													
			Sample	= 3.15	=	9	01 - kg/d			=	0.13	=	0.28	19 - mg/L	05/DW - 5 Days Every Wee	k CP - COMPC
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	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 Wee	k CP - COMPC
			Value NODI													
			Sample							<	1			19 - mg/L	01/30 - Monthly	CP - COMPO
Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	Permit Req.								Req Mon MO A	VG		19 - mg/L	01/30 - Monthly	CP - COMPO
			Value NODI Sample							_	4.9			19 - mg/L	01/30 - Monthly	CP - COMPO
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	Permit Reg.								Req Mon MO A	VG		19 - mg/L	01/30 - Monthly	CP - COMPC
Thinks Thinks total [as N]	1 Emdent Greek		Value NODI								rtoq morrimo /t			10 mg/L	o ined menting	0. 00
			Sample	= 4.87	-	5.9	01 - kg/d			=	0.2	=	0.22	19 - mg/L	05/DW - 5 Days Every Wee	k CP - COMPC
00665 Phosphorus, total [as P]	1 - Effluent Gross	0	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 Wee	k CP - COMPO
			Value NODI													
			Sample	= 6.64	=	7.65	03 - MGD								01/01 - Daily	CN - CONTIN
Flow, in conduit or thru treatment plant	plant 1 - Effluent Gross	0	Permit Req.		<=	25 WKLY AVG	03 - MGD)							01/01 - Daily	CN - CONTIN
			Value NODI						0.04		0.04		0.04	10 "	04/04 D "	00 0040
50060 Chlorine, total residual	1 - Effluent Gross	0	Sample Permit Req.						0.01 .01 MO AVG	=	0.01 .01 WKLY AVG	=	0.01 .01 DAILY MX	19 - mg/L 19 - mg/L	01/01 - Daily 01/01 - Daily	GR - GRAB GR - GRAB
	I - Elliuelli Gioss		Value NODI					<=	.01 MO AVG	<=	.01 WKLT AVG	<=	.01 DAILT WIX	19 - Hig/L	01/01 - Dally	GR - GRAD
			Sample							=	0.21	=	0.21	19 - mg/L	01/30 - Monthly	CP - COMPO
50785 Phosphorus, ortho	1 - Effluent Gross	0	Permit Req.								Req Mon MO A		Req Mon WKLY AVO	_	01/30 - Monthly	CP - COMPO
			Value NODI								·					
74055 Coliform, fecal general		oss 0	Sample							=	10	=	12.6	13 - #/100mL	03/DW - 3 Days Every Wee	k GR - GRAB
	1 - Effluent Gross		Permit Req.							<=	200 MOAV GEO) <=	400 WKAV GEO	13 - #/100mL	03/DW - 3 Days Every Wee	k GR - GRAB
			Value NODI													
			Sample	= 80.74			70 - dry to								01/30 - Monthly	CA - CALCTI
78477 Solids, sludge, total, dry weight	SL - Sludge	0	Permit Req.	·	IAL		70 - dry to	on							01/30 - Monthly	CA - CALCTI
			Value NODI													

	81010 BOD, 5-day, percent removal	K - Percent Removal	0		Sample	=	98.97	23 - %	01/30 - Monthly	CA - CALCTD
81010					Permit Req.	>=	85 MINIMUM	23 - %	01/30 - Monthly	CA - CALCTD
					Value NODI					
		K - Percent Removal	0		Sample	=	99.29	23 - %	01/30 - Monthly	CA - CALCTD
8101	Solids, suspended percent removal				Permit Req.	>=	85 MINIMUM	23 - %	01/30 - Monthly	CA - CALCTD
					Value NODI					
		a 1 - Effluent Gross	0		Sample					
TBP3	B Noel Statre 7Day Chronic Ceriodaphnia				Permit Req.		Req Mon MINIMUM	23 - %	01/YR - Annual	CP - COMPOS
					Value NODI		3 - Special Report Attached			
			0		Sample					
TBP6	C Noel Statre 7Day Chronic Pimephales	1 - Effluent Gross			Permit Req.		Req Mon MINIMUM	23 - %	01/YR - Annual	CP - COMPOS
					Value NODI		3 - Special Report Attached			

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

1. Influent Flow meter installation project is underway. Loadings are calculated using effluent meters at this time. 2. A total of 4 Nitrate-Nitrate values were tested instead of 1. 3. Organic nitrogen was calculated as Organic nitrogen = TKN on the 5th of June nitrogen, ammonia on the 5th of June. 4. 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 - 5. 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 - Chronic Whole Effluent Toxicity annual results are included

Attachments

Name	Туре	Size
Chronics2018.pdf	pdf	1723182
June2018LOR.xls	xls	273920

Report Last Saved By

Dekalb County Department of Watershed Management

User: Snapfinger
Name: David Hayes

E-Mail: dehayes@dekalbcountyga.gov

Date/Time: 2018-07-13 08:57 (Time Zone: -04:00)

Report Last Signed By

User: SandraLGlenn2
Name: Sandra Glenn

E-Mail: slglenn@dekalbcountyga.gov

Date/Time: 2018-07-13 18:06 (Time Zone: -04:00)