DMR Copy of Record

Permit

GA0026816 Permit #:

Permittee:

Yes Major:

Dekalb County Department of Watershed Management

Permittee Address:

1580 Roadhaven Drive Stone Mountain, GA 30083

DEKALB COUNTY - POLEBRIDGE CREEK WPCP

Facility Location:

Facility:

4664 FLAT BRIDGE RD LITHONIA, GA 30038

Permitted Feature:

001

Wells

Discharge:

001-B

External Outfall

Title:

Final Discharge (20 MGD)

Report Dates & Status

From 03/01/18 to 03/31/18 **Monitoring Period:**

DMR Due Date: 04/15/18

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

Reginald First Name:

Interim Director, watershed Managment

Telephone:

770-621-7208

No Data Indicator (NODI)

Last Name:

	Parameter	Monitoring Location		Param.				antity or Lo						Quality or Con	centration				# of Frequency of Analysis	Sample Ty
Code	Name		#	NODI		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifie 1	r	Value 1	Qualifi 2	er Value 2	Qualifier 3	Value 3	Units	Ex.	
00300 O:					Sample						=	8						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
	73. /				Value NODI															
00310 BC			0		Sample	_	73	=	86	01 - kg/d				=	2.8	=	3.4	19 - mg/L	05/DW - 5 Days Every	CP -
	BOD, 5-day, 20 deg. C	1 - Effluent Gross			Permit	<=	1895 MO AVG	<=		01 - kg/d				<=	25 MO AVG	<=	37 WKLY AVG	19 - mg/L	Week 05/DW - 5 Days Every	COMPOS CP -
	DD, 5-day, 20 deg. C	I - Ellidelit Gloss			Req. Value	_	1000 WO AVO		2505 WKET AVG	or kg/u				~	25 WO AVO		or will rive	13 mg/L	Week	COMPOS
					NODI														OF/DW F Dove From	CP -
					Sample	=	6184	=	6832.78	01 - kg/d				=	241	=	265.4	19 - mg/L	05/DW - 5 Days Every Week	COMPOS
00310 I	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		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															
		1 - Effluent Gross	0 -		Sample						-	6.7				=	7.2	12 - SU	01/01 - Daily	GR - GRAB
00400 pH	1				Permit Req.						>=	6 MINIMUM				<=	8.5 MAXIMUM	12 - SU	01/01 - Daily	GR - GRAB
					Value NODI															
					Sample	=	48.76	=	62.75	01 - kg/d				=	1.86	=	2.4	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
00530 5	olids, total suspended	1 - Effluent Gross	0		Permit	<=	1516 MO AVG	<=	1895 WKLY AVG	01 - kg/d				<=	20 MO AVG	<=	30 WKLY AVG	19 - mg/L	05/DW - 5 Days Every	CP -
00000					Req. Value	_	1010 1110 7110		1000 WILL 7/10	o i ngra					20 1110 7110		OU WILL AVO	10 1119/2	Week	COMPOS
					NODI														05/DW - 5 Days Every	CP -
	olids, total suspended	G - Raw Sewage Influent	0	_	Sample	=	7829	=		01 - kg/d				=	304.1	=	331	19 - mg/L	Week	COMPOS
00530					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															
		1 - Effluent Gross	0		Sample									=	3.29			19 - mg/L	01/30 - Monthly	CP - COMPOS
00605 1	trogen, organic total [as N]				Permit										Req Mon MO			19 - mg/L	01/30 - Monthly	CP -
					Req. Value										AVG			- 3	,	COMPOS
					NODI														05/DW - 5 Days Every	CP -
	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Sample	=	4.86	=	8.35	01 - kg/d				=	0.18	=	0.3	19 - mg/L	Week	COMPOS
00610					Req.	<=	508 MO AVG	<=	635 WKLY AVG	01 - kg/d				<=	6.7 MO AVG	<=	10 WKLY AVG	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
					Value NODI															
	Nitrogen, Kjeldahl, total [as N]		0		Sample									=	3.46			19 - mg/L	01/30 - Monthly	CP - COMPOS
00625 I		1 - Effluent Gross			Permit										Req Mon MO			19 - mg/L	01/30 - Monthly	CP -
					Req. Value										AVĠ					COMPOS
					NODI															CP -
																				O.

				Sample							=	1.37			19 - mg/L	01/30 - Monthly	COMPOS
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit								Req Mon MO			19 - mg/L	01/30 - Monthly	CP -
				Req.								AVĠ			13 mg/L	01/30 Worlding	COMPOS
				Value NODI													
				Sample =	3.24	=	4.49	01 - kg/d			=	0.13	=	0.18	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
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 Week	CP - COMPOS
				Value NODI													
				Sample =	6.75	=	6.92	03 - MGD								01/01 - Daily	CN - CONTIN
50050 Flow, in conduit or thru treatment pla	nt 1 - Effluent Gross	0		Permit <=	20 MO AVG	<=	25 WKLY AVG	03 - MGD								01/01 - Daily	CN - CONTIN
				Value NODI													
				Sample					=	0.01	=	0.01	=	0.01	19 - mg/L	01/01 - Daily	GR - GRAB
O060 Chlorine, total residual	1 - Effluent Gross	0		Permit Req.					<=	.01 MO AVG	<=	.01 WKLY AVG	<=	.01 DAILY MX	19 - mg/L	01/01 - Daily	GR - GRAB
				Value NODI													
				Sample							=	0.07	=	0.07	19 - mg/L	01/30 - Monthly	CP - COMPOS
50785 Phosphorus, ortho	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI													
				Sample							=	1.14	=	1.73	13 - #/100mL	03/DW - 3 Days Every Week	GR - GRAB
74055 Coliform, fecal general	1 - Effluent Gross	0		Permit Req.							<=	200 MOAV GEO	<=	400 WKAV GEO	13 - #/100mL	03/DW - 3 Days Every Week	GR - GRAB
				Value NODI											III TOOTILE	Wook	
		0		Sample =	156.08			70 - dry ton								01/30 - Monthly	CA - CALCTI
78477 Solids, sludge, total, dry weight	SL - Sludge			Permit Req.	Req Mon MO TOTAL			70 - dry ton								01/30 - Monthly	CA - CALCTI
				Value NODI	TOTAL			ton									
				Sample					_	98.79					23 - %	01/30 - Monthly	CA - CALCTE
1010 BOD, 5-day, percent removal	K - Percent Removal	0		Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTE
				Value NODI													
		0		Sample					=	99.39					23 - %		
81011 Solids, suspended percent removal	K - Percent Removal			Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTI
Solida, adapandad paraani ramaval				Value NODI													
		0		Sample													
Noel Statre 7Day Chronic Ceriodaphnia	1 - Effluent Gross			Permit Req.						Req Mon MINIMUM					23 - %	01/YR - Annual	CP - COMPOS
Ceriodaphnia				Value NODI						9 - Conditional Monitoring - Not Required This Period							
				Sample													
	s 1 Effluent Gross	0		Permit Req.						Req Mon MINIMUM					23 - %	01/YR - Annual	CP - COMPOS
FBP6C Noel Statre 7Day Chronic Pimephale	is I - Lilluelli Gioss																

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 is underway. Loadings are calculated using effluent meters at this time. 2. A total of 2 Nitrate-Nitrate values were tested instead of 1. 3. Organic nitrogen was calculated as Organic nitrogen = TKN on the 5th of March nitrogen, ammonia on the 5th of March. 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, in,avg - BOD5, eff,avg)/BOD5, in,avg - TSS, eff,avg)/TSS, 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, in,avg.

Attachments

Name	Туре	Size
March2018LOR.xls	xls	274432

Report Last Saved By

Dekalb County Department of Watershed Management

User: Snapfinger
Name: David Hayes

E-Mail: dehayes@dekalbcountyga.gov

Date/Time: 2018-04-13 08:37 (Time Zone: -04:00)

Report Last Signed By

User: SandraLGlenn2
Name: Sandra Glenn

E-Mail: slglenn@dekalbcountyga.gov

Date/Time: 2018-04-13 09:21 (Time Zone: -04:00)