DMR Copy of Record

Permit

Permit #: GA0026816 Permittee: Dekalb County Department of Watershed Management

Yes Major:

Permittee Address:

1580 Roadhaven Drive Stone Mountain, GA 30083

4664 FLAT BRIDGE RD LITHONIA, GA 30038 **Facility Location:**

DEKALB COUNTY (POLEBRIDGE CREEK WPCP)

Facility:

Permitted Feature: 001

Discharge: External Outfall

001-B Final Discharge (20 MGD)

Report Dates & Status

From 10/01/18 to 10/31/18 **Monitoring Period:**

Wells

DMR Due Date: 11/15/18

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

Title: Telephone: Reginald First Name: Interim Director, Watershed Management

770-621-7208

Last Name: No Data Indicator (NODI)

	Parameter	Monitoring Location	Season	Param. NODI			Qua	antity or L	oading					Quality or Con-	centration				# of	Frequency of Analysis	Sample Tyr
Code	Name		#			Qualifier 1	Value 1			Units	Qualifier 1		Value 1	Qualifie 2		Qualifier 3	Value 3	Units	Ex.		
					Sample						=	7.6						19 - mg/L		01/01 - Daily	GR - GRAE
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.						>=	6 MINIMUM						19 - mg/L		01/01 - Daily	GR - GRA
					Value NODI																
					Sample	=	68.76	_	85	01 - kg/d				=	2.9	=	3.2	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
00310 I	BOD, 5-day, 20 deg. C	1 - Effluent Gross	1		Permit	<=	1137 MO AVG	<=	1422 WKLY AVG	01 - kg/d				<=	15 MO AVG	<=	22 WKLY AVG	19 - mg/L		05/DW - 5 Days Every	CP -
	502, 0 day, 20 dog. 0				Req. Value															Week	COMPOS
					NODI		68.76		0.5	01 - kg/d					2.0		2.2	10. mg/l		05/DW - 5 Days Every	CP -
					Sample Permit			-	85	-				=	2.9		3.2	19 - mg/L		Week 05/DW - 5 Days Every	COMPOS CP -
00310 E	BOD, 5-day, 20 deg. C	1 - Effluent Gross	3		Req.	<=	1137 MO AVG	<=	1422 WKLY AVG	01 - kg/d				<=	15 MO AVG	<=	22 WKLY AVG	19 - mg/L		Week	COMPOS
					Value NODI																
	3OD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		Sample	=	6047	=	6532	01 - kg/d				=	261	=	285.8	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
00310 E					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 p	ρΗ	1 - Effluent Gross	0		Sample						=	6.6				=	7.2	12 - SU		01/01 - Daily	GR - GRA
					Permit Req.						>=	6 MINIMUM				<=	8.5 MAXIMUM	12 - SU		01/01 - Daily	GR - GRA
					Value NODI																
					Sample	=	35.97	=	50.28	01 - kg/d				=	1.565	=	2.2	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
00530 \$	Solids, total suspended	1 - Effluent Gross	0		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																
					Sample	=	8025	_	9150	01 - kg/d				=	344.7	=	351.6	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
00530 \$	Solids, total suspended	G - Raw Sewage Influent	0		Permit		Reg Mon MO AVG		Req Mon WKLY AVG	01 - kg/d					Req Mon MO		Req Mon WKLY AVG	19 - mg/L		05/DW - 5 Days Every	CP - COMPOS
					Req. Value				AVG						AVG		AVG			Week	COMPOS
					NODI									=	0.9			19 - mg/L		01/30 - Monthly	CP -
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0		Sample Permit									-	Reg Mon MO			-		•	COMPOS CP -
					Req. Value										AVĠ			19 - mg/L		01/30 - Monthly	COMPOS
					NODI															OF/DW F Device Tyres	CD
					Sample	=	3.18	=	2.66	01 - kg/d				=	0.14	=	0.1	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2		Permit Req.	<=	136 MO AVG	<=	171 WKLY AVG	01 - kg/d				<=	1.8 MO AVG	<=	2.7 WKLY AVG	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
					Value NODI																

				Sample							=	1			19 - mg/L	01/30 - Monthly	COMPOS
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG			19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI								AVG					COMPOS
	1 - Effluent Gross	0		Sample							=	1.02			19 - mg/L	01/30 - Monthly	CP - COMPOS
00630 Nitrite + Nitrate total [as N]				Permit								Req Mon MO AVG			19 - mg/L	01/30 - Monthly	CP -
value value total (as 14)				Req. Value								AVG				,	COMPOS
				NODI Sample =	1.76	=	2.7	01 - kg/d			=	0.08	=	0.11	19 - mg/L	05/DW - 5 Days Every	CP -
00665 Phosphorus, total [as P]	1 - Effluent Gross	0	-	Permit	23 MO AVG	<=	28 WKLY AVG	01 - kg/d			<=	.3 MO AVG	<=	.45 WKLY AVG	19 - mg/L	Week 05/DW - 5 Days Every	COMPOS CP -
ossos i nespristas, tetar pas i j				Value												Week	COMPOS
				NODI	6.22	=	6.88	03 - MGD								01/01 - Daily	CN - CONTIN
				Sample =													
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Req. <=	20 MO AVG	<=	25 WKLY AVG	03 - MGD								01/01 - Daily	CN - CONTIN
				NODI													
				Sample					=	0.01	=	0.01	=	0.01	19 - mg/L	01/01 - Daily	GR - GRAB
50060 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													
	1 - Effluent Gross			Sample							=	0.04	=	0.04	19 - mg/L	01/30 - Monthly	CP - COMPOS
50785 Phosphorus, ortho		0		Permit Req.								Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI													
				Sample							=	1.28	=	2.53	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												, rook	
				Sample =	50.1			70 - dry ton								01/30 - Monthly	CA - CALCTD
78477 Solids, sludge, total, dry weight	SL - Sludge	0		Permit	Req Mon MO TOTAL			70 - dry ton								01/30 - Monthly	CA - CALCTD
				Req. Value	TOTAL			tori									
				NODI Sample					_	98.8					23 - %	01/30 - Monthly	CA - CALCTD
	K - Percent Removal	0		Permit					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
81010 BOD, 5-day, percent removal			-	Req. Value													
				NODI													
		0		Sample					=	99.53					23 - %	01/30 - Monthly	CA - CALCTD
81011 Solids, suspended percent removal	K - Percent Removal			Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
				Value NODI													
		0		Sample													
TBP3B Noel Statre 7Day Chronic Ceriodaphnia	1 - Effluent Gross			Permit Req.						Req Mon MINIMUM					23 - %	01/YR - Annual	CP - COMPOS
отповартна 1				Value NODI						9 - Conditional Monitoring - Not Required This Period							
	1 - Effluent Gross	0		Sample													
TBP6C Noel Statre 7Day Chronic Pimephales				Permit Req.						Req Mon MINIMUM					23 - %	01/YR - Annual	CP - COMPOS
, , , , , , , , , , , , , , , , , , , ,				Value NODI						9 - Conditional Monitoring - Not Required This Period							
				HODI						, oou							

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. Loadings are calculated using effluent meters. 2. Organic nitrogen was calculated as Organic nitrogen, ammonia 3. 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 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. 5. Ammonia values loading avg 3.18 weekly max .1

Attachments

Name	Туре	Size
Oct2018LOR.xls	xls	278528

Report Last Saved By

Dekalb County Department of Watershed Management

User: awreed@dekalbcountyga.gov

Name: Alton Reed

E-Mail: awreed@dekalbcountyga.gov

Date/Time: 2018-11-15 06:45 (Time Zone: -05:00)

Report Last Signed By

User: SandraLGlenn2
Name: Sandra Glenn

E-Mail: slglenn@dekalbcountyga.gov

Date/Time: 2018-11-15 11:03 (Time Zone: -05:00)