DMR Copy of Record

Permit

Major:

GA0026816 Permit #:

Yes

001

External Outfall

Permittee: Dekalb County Department of Watershed Management

Permittee Address:

1580 Roadhaven Drive Stone Mountain, GA 30083

Facility Location:

Facility:

DEKALB COUNTY - POLEBRIDGE CREEK WPCP

4664 FLAT BRIDGE RD

LITHONIA, GA 30038

NetDMR Validated

Discharge: 001-B Final Discharge (20 MGD)

Report Dates & Status

Permitted Feature:

DMR Due Date: From 11/01/17 to 11/30/17 12/15/17 Status: **Monitoring Period:**

Considerations for Form Completion

Principal Executive Officer

No Data Indicator (NODI)

Title: Telephone: Scott First Name: **Director Watershed Management** 770-621-7234

Last Name: Towler

Form NODI:

	Parameter	Monitoring Location	Season			Quantity or Loading Quality or Concentration													# of	Frequency of Analysis	Sample Typ
Code	Name		#	NODI		Qualifier 1	Value 1	Qualifie 2	r Value 2	Units	Qualifier 1		Value 1	Qualifie 2	r Value 2	Qualifier 3	Value 3	Units	Ex.		
					Sample						= .	8		_				19 - mg/L	0	1/01 - Daily	GR - GRA
	Oxygen, dissolved [DO]	1 - Effluent Gross	0 -	-	Permit Req.						>=	6 MINIMUM						19 - mg/L	0	1/01 - Daily	GR - GRA
					Value NODI																
					Sample	=	90	=	115	01 - kg/d				=	4	=	4.8	19 - mg/L		5/DW - 5 Days Every Veek	CP - COMPOS
	BOD, 5-day, 20 deg. C	1 - Effluent Gross	1 -	-	Permit Req.	<=	1137 MO AVG	<=	1422 WKLY AVG	01 - kg/d				<=	15 MO AVG	<=	22 WKLY AVG	19 - mg/L		5/DW - 5 Days Every Veek	CP - COMPOS
					Value NODI																
0310 E		1 - Effluent Gross	3		Sample	=	90	=	115	01 - kg/d				=	4	=	4.8	19 - mg/L		5/DW - 5 Days Every Veek	CP - COMPOS
	BOD, 5-day, 20 deg. C			-	Permit Req.	<=	1137 MO AVG	<=	1422 WKLY AVG	01 - kg/d				<=	15 MO AVG	<=	22 WKLY AVG	19 - mg/L	0	5/DW - 5 Days Every Veek	CP - COMPOS
					Value NODI														İ		
00310 E	OD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		Sample	=	6001	=	7014	01 - kg/d				=	264	=	302.2	19 - mg/L		5/DW - 5 Days Every Veek	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		5/DW - 5 Days Every Veek	CP - COMPOS
					Value NODI																
					Sample						-	6.7				=	7.4	12 - SU	0	1/01 - Daily	GR - GR
00400	Н	1 - Effluent Gross	0 -	-	Permit Req.						>=	6 MINIMUM				<=	8.5 MAXIMUM	12 - SU	0	1/01 - Daily	GR - GR
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0 -		Sample	=	44.83	=	55.15	01 - kg/d				=	2	=	2.4	19 - mg/L		5/DW - 5 Days Every Veek	CP - COMPOS
					Permit Req.	<=	1516 MO AVG	<=	1895 WKLY AVG	01 - kg/d				<=	20 MO AVG	<=	30 WKLY AVG	19 - mg/L	0 V	5/DW - 5 Days Every Veek	CP - COMPOS
					Value NODI																
00530 \$	Solids, total suspended	G - Raw Sewage Influent	0 -		Sample	=	7634.9	=	8148	01 - kg/d				=	337.59	=	367	19 - mg/L		5/DW - 5 Days Every Veek	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	0	5/DW - 5 Days Every Veek	CP - COMPOS
					Value NODI																
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0		Sample									=	0.9			19 - mg/L	0	1/30 - Monthly	CP - COMPOS
					Permit Req.										Req Mon MO AVG			19 - mg/L	0	1/30 - Monthly	CP - COMPOS
					Value NODI																
00610	litrogen, ammonia total [as N]	1 - Effluent Gross			Sample	=	2.43	=	3.04	01 - kg/d				=	0.11	=	0.13	19 - mg/L		5/DW - 5 Days Every Veek	CP - COMPO
			2 -	-	Permit Req.	<=	136 MO AVG	<=	171 WKLY AVG	01 - kg/d				<=	1.8 MO AVG	<=	2.7 WKLY AVG	19 - mg/L		5/DW - 5 Days Every Veek	CP - COMPOS
					Value NODI																
																					CP -

				Sample							=	1			19 - mg/L	01/30 - Monthly	COMPOS
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit								Req Mon MO			19 - mg/L	01/30 - Monthly	CP -
				Req. Value								AVĠ				,	COMPOS
				NODI Sample							_	2.94			19 - mg/L	01/30 - Monthly	CP -
				Permit													COMPOS CP -
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Req.								Req Mon MO AVG			19 - mg/L	01/30 - Monthly	COMPOS
				Value NODI													
	1 - Effluent Gross			Sample =	1.35	=	1.98	01 - kg/d			=	0.06	=	0.09	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
00665 Phosphorus, total [as P]		0		Permit <=	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													
	1 - Effluent Gross			Sample =	5.98	=	6.22	03 - MGD								01/01 - Daily	CN - CONTIN
50050 Flow, in conduit or thru treatment plant		0		Permit <=	20 MO AVG	<=	25 WKLY AVG	03 - MGD								01/01 - Daily	CN - CONTIN
30030 Flow, in conduit of that treatment plant		U		Value													
				NODI Sample					_	0.01	=	0.01	=	0.01	19 - mg/L	01/01 - Daily	GR - GRAB
				Permit					<=	.01 MO AVG	<=	.01 WKLY AVG		.01 DAILY MX	19 - mg/L	01/01 - Daily	GR - GRAB
50060 Chlorine, total residual	1 - Effluent Gross	0		Req. Value					_	.or we ave		.or will Avo		.01 DAILT WX	19 - Hig/L	01/01 - Daily	OIX - OIXAD
				NODI													
	1 - Effluent Gross			Sample							=	0.05	=	0.05	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													
	1 - Effluent Gross			Sample							=	2.3	=	12.23	13 - #/100mL	03/DW - 3 Days Every Week	GR - GRAB
74055 Coliform focal general		0		Permit							<=	200 MOAV GEC	۰	400 WKAV GEO	13 -	03/DW - 3 Days Every	GR - GRAB
74055 Coliform, fecal general				Req. Value							<=	200 MOAV GEC	/ <=	400 WRAV GEO	#/100mL	Week	GR - GRAD
				NODI													
	SL - Sludge	0		Sample =	135.9			70 - dry ton								01/30 - Monthly	CA - CALCTD
78477 Solids, sludge, total, dry weight				Permit Req.	Req Mon MO TOTAL			70 - dry ton								01/30 - Monthly	CA - CALCTD
				Value NODI													
	K - Percent Removal	0		Sample					=	98.45					23 - %	01/30 - Monthly	CA - CALCTD
81010 BOD, 5-day, percent removal				Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
o to to bob, 5-day, percent removal				Value													
				NODI						20.44					22 24	04/00 14 411	04 041 075
				Sample Permit					=	99.41					23 - %	01/30 - Monthly	CA - CALCTD
81011 Solids, suspended percent removal	K - Percent Removal	0		Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
				Value NODI													
	1 - Effluent Gross	0		Sample													
TBP3B Noel Statre 7Day Chronic Ceriodaphnia				Permit Req.						Req Mon MINIMUM					23 - %	01/YR - Annual	CP - COMPOS
Оспочирнич				Value NODI						9 - Conditional Monitoring - Not Required This Period							
				Sample													
TBP6C Noel Statre 7Day Chronic Pimephales	1 - Effluent Gross	0		Permit Req.						Req Mon MINIMUM					23 - %	01/YR - Annual	CP - COMPOS
15. 30 Note State 1 Day Official Timephales	. Lindon Oloss	J		Value						9 - Conditional Monitoring - Not Required This							001111 00
				NODI						Period							

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 5 Nitrate-Nitrate values were tested instead of 1. 3. Organic nitrogen =TKN on the 27th of November nitrogen, ammonia on the 27th of November. There is a value for TKN on the 7th and a value for ammonia on the 7th but no reading for Nitrate-Nitrite on the 7th. All three values are present on the 27th and thus the value of organic nitrogen has been reported for the 27th. 4. TKN has two data points instead of 1. 5. Fecal Coliform has four data points on the weeks 29th October 4th November and 12th November. 6. 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 - TSS,eff,avg)/TSS,in,avg.

7. The TSS percentage TSS removal as 100*(TSS,in,avg - TSS,eff,avg)/TSS,in,avg.

Attachments

Name Type Size

Nov2017lor.xls xls 274944 Report Last Saved By Dekalb County Department of Watershed Management User: Snapfinger David Hayes Name: E-Mail: dehayes@dekalbcountyga.gov Date/Time: 2017-12-14 16:07 (Time Zone: -05:00) Report Last Signed By User: SandraLGlenn2 Name: Sandra Glenn E-Mail: slglenn@dekalbcountyga.gov

2017-12-15 07:14 (Time Zone: -05:00)

Date/Time: