DMR Copy of Record

Permit

GA0026816 Permit #:

Permittee: Dekalb County Department of Watershed Management

Yes Major:

1580 Roadhaven Drive Stone Mountain, GA 30083

Facility Location:

Facility:

DEKALB COUNTY - POLEBRIDGE CREEK WPCP

Permitted Feature:

001 External Outfall

Towler

Discharge: 001-B Final Discharge (20 MGD) 4664 FLAT BRIDGE RD LITHONIA, GA 30038

Report Dates & Status

Monitoring Period: From 09/01/17 to 09/30/17

10/15/17

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

Scott First Name:

Title: Director, watershed Managment

Permittee Address:

DMR Due Date:

Telephone:

770-621-7204

No Data Indicator (NODI)

Last Name:

Form NODI:

	Parameter	Monitoring Location	Season	Param.		Quantity or Loading Quality or Concentration													Frequency of Analysis	Sample Type		
Code	Name		#	NODI		Qualifier 1	r Value 1	Qualifie 2	er Value 2	Units	S Qual	lifier 1		Value 1	Qualific 2	er Value 2	Qualifier 3	Value 3	Units	Ex.		
					Sample						=	7.	.5						19 - mg/L		01/01 - Daily	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.						>=	6	MINIMUM						19 - mg/L		01/01 - Daily	GR - GRAB
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Value NODI																	
					Sample	=	113	=	145	01 - kg/	d				=	4.7	=	5	19 - mg/L		05/DW - 5 Days Every	CP -
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	2		Permit	<=	758 MO AVG	<=	948 WKLY AVG	01 - kg/					<=	10 MO AVG	<=	15 WKLY AVG	19 - mg/L		Week 05/DW - 5 Days Every	COMPOS CP -
	00D, 0 day, 20 deg. 0	. Lindon Grood			Value					- 1.9											Week	COMPOS
					NODI		555		0504	04 1/						000		004	40		05/DW - 5 Days Every	CP -
		G - Raw Sewage			Sample Permit	=	5555	=	6581 Req Mon WKLY	01 - kg/					=	229 Reg Mon MO		304 Req Mon WKLY	19 - mg/L		Week 05/DW - 5 Days Every	COMPOS CP -
00310	BOD, 5-day, 20 deg. C	Influent	0		Req.		Req Mon MO AVG		AVG	01 - kg/	d					AVG		AVG	19 - mg/L		Week	COMPOS
					Value NODI																	
		1 - Effluent Gross			Sample						=	6.	.5				=	7.3	12 - SU		01/01 - Daily	GR - GRAB
00400	н		0		Permit Req.						>=	6	MINIMUM				<=	8.5 MAXIMUM	12 - SU		01/01 - Daily	GR - GRAB
					Value NODI																	
	Solids, total suspended				Sample	=	32.99	=	54.25	01 - kg/	d				=	1.3	=	1.8	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
00530		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	=	6873	=	8771	01 - kg/	d				=	281	=	388.4	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
00530	Solids, total suspended	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
		imuent			Value				AVG							AVG		AVG			Week	COMPOS
					NODI Sample										_	0.9			19 - mg/L		01/30 - Monthly	CP -
00605	litrogen, organic total [as N]	1 - Effluent Gross	0		Permit											Req Mon MO			19 - mg/L		01/30 - Monthly	COMPOS CP -
00000					Req. Value											AVĞ					e ince menuny	COMPOS
					NODI		3.63		5.44	01 - kg/	d				_	0.15	_	0.23	19 - mg/L		05/DW - 5 Days Every	CP -
22242	Nitrogen, ammonia total [as N]	1 - Effluent Gross	3		Sample Permit	_		_													Week 05/DW - 5 Days Every	COMPOS CP -
00610					Req. Value	<=	99 MO AVG	<=	123 WKLY AVG	01 - kg/	a				<=	1.3 MO AVG	<=	2 WKLY AVG	19 - mg/L		Week	COMPOS
					NODI																	
					Sample										=	1			19 - mg/L		01/30 - Monthly	CP - 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																	
																						CP -

				Sample							=	5.16			19 - mg/L	01/30 - Monthly	COMPOS
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG			19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI								AVO					OOIVII OO
				Sample =	3.85	=	4.45	01 - kg/d			=	0.16	=	0.19	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 =	6.41	=	7.17	03 - MGD								01/01 - Daily	CN - CONTIN
50050 Flow, in conduit or thru treatment plant	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
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	0		Sample							=	0.13	-	0.13	19 - mg/L	01/30 - Monthly	CP - COMPOS
50785 Phosphorus, ortho				Permit Req.								Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI													
	1 - Effluent Gross			Sample							=	2.22	-	9.87	13 - #/100mL	03/DW - 3 Days Every Week	GR - GRAB
74055 Coliform, fecal general		0		Permit Req.							<=	200 MOAV GEO) <=	400 WKAV GEO	13 - #/100mL	03/DW - 3 Days Every Week	GR - GRAB
				Value NODI											.,, 1002	, rook	
	SL - Sludge	0		Sample =	118.14			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	TOTAL			ton									
				Sample					-	97.77					23 - %	01/30 - Monthly	CA - CALCTD
81010 BOD, 5-day, percent removal	K - Percent Removal	0		Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
				Value NODI													
	K - Percent Removal	0		Sample					=	99.51					23 - %		
81011 Solids, suspended 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
				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
				Value NODI						9 - Conditional Monitoring - Not Required This 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

Influent Flow meter installation is underway. Loadings are calculated using effluent meters at this time A total of 8 Nitrite-Nitrate samples were tested instead of 1. Organic nitrogen was calculated as Organic nitrogen = TKN on the 6th of September nitrogen, ammonia on the 6th of September. 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 - 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 - TSS, eff,avg)/TSS, in,avg - 6. A total of 4 of Effluent Ortho-phosphorus samples were tested instead of 1.

Attachments

Name	Туре	Size
Sept2017DMR2.xls	xls	71680
Sept2017LOR2.xls	xls	15260160

Report Last Saved By

Dekalb County Department of Watershed Management

lser: Snapfinger

Name: David Hayes

E-Mail: dehayes@dekalbcountyga.gov

Date/Time: 2017-10-12 15:25 (Time Zone: -04:00)

Report Last Signed By

User: SandraLGlenn2
Name: Sandra Glenn

E-Mail: slglenn@dekalbcountyga.gov

Date/Time: 2017-10-12 16:16 (Time Zone: -04:00)