DMR Copy of Record

Permit

Permit #: GA0024147 Permittee: Dekalb County Department of Watershed Management

Yes Major:

1580 Roadhaven Drive Stone Mountain, GA 30083

Discharge: 001 001-B1 External Outfall Final Discharge (36 MGD)

Report Dates & Status

Permitted Feature:

DMR Due Date: From 10/01/17 to 10/31/17 **Monitoring Period:**

11/15/17

Permittee Address:

Status:

Facility:

Facility Location:

NetDMR Validated

4124 FLAKES MILL ROAD DECATUR, GA 30034

DEKALB COUNTY - SNAPFINGER CREEK WPCP

Principal Executive Officer

Considerations for Form Completion

First Name:	Scott		٦	Γitle:		Dire	ector						Telephone:		770-621	-7234				
Last Name:	Towler																			
No Data Indicator (NODI)																				
Form NODI:																				
Parameter Code Name	Monitoring Location	Season #	Param. NODI		Qualifier	Qua Value 1	antity or Lo	ading Value 2	Units	Qualifie	,	Value 1	Quality or Co		Qualifie	v Value 3	Units	# of Ex.	Frequency of Analysis	Sample Typ
Code Name					1	value i	2	value 2	Offics	1		value i	2	ei value z	3	value 3				
				Sample						=	8.26						19 - mg/L		01/01 - Daily	GR - GRAB
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	1		Permit Req.						>=	6 MINIMUM						19 - mg/L		01/01 - Daily	GR - GRAB
				Value NODI																
				Sample	= 3	314	_	369	01 - kg/d				_	4	=	5	19 - mg/L			CP -
				Permit															Week 05/DW - 5 Days Every	COMPOS CP -
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Req.	<= 2	2047 MO AVG	<=	2558 WKLY AVG	01 - kg/d				<=	15 MO AVG	<=	22 WKLY AVG	19 - mg/L		Week	COMPOS
				Value NODI																
				Sample	= 3	314	_	369	01 - kg/d				=	4	=	5	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
00310 BOD, 5-day, 20 deg. C	1 Fffwant Cross	4		Permit		2047 MO AVG	<=	2558 WKLY AVG	01 - kg/d				_	15 MO AVG		22 WKLY AVG	19 - mg/L		05/DW - 5 Days Every	CP -
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	1		Req.	<= 2	2047 WO AVG	<=	2556 WKLT AVG	01 - kg/u				<=	15 WO AVG	<=	22 WKLT AVG	19 - IIIg/L		Week	COMPOS
				Value NODI																
				Sample	= 1	18351	=	20593	01 - kg/d				=	237	=	262	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0 -		Permit	F	Req Mon MO AVG		Req Mon WKLY	01 - kg/d					Req Mon MO		Req Mon WKLY	19 - mg/L		05/DW - 5 Days Every	CP -
				Req. Value				AVG	g, a					AVĠ		AVG			Week	COMPOS
				NODI																
				Sample Permit						=	6.42					7.63	12 - SU		01/01 - Daily	GR - GRAB
00400 pH	1 - Effluent Gross	0		Req.						>=	6 MINIMUM				<=	8.5 MAXIMUM	12 - SU		01/01 - Daily	GR - GRAB
				Value NODI																
				Sample	= 2	200	=	274	01 - kg/d				=	2.52	=	3.2	19 - mg/L			CP - COMPOS
00500 0-11-1-1-1-1-1-1-1-1	4. 550			Permit				3411 WKLY AVG								30 WKLY AVG			Week 05/DW - 5 Days Every	CDIVIPOS
00530 Solids, total suspended	1 - Effluent Gross	0	-	Req.	<= 2	2729 MO AVG	<=	3411 WKLY AVG	01 - kg/a				<=	20 MO AVG	<=	30 WKLY AVG	19 - mg/L		Week	COMPOS
				Value NODI																
				Sample	= 2	25100	=	28189	01 - kg/d				=	326	=	347	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	01 - kg/d					Req Mon MO		Req Mon WKLY	19 - mg/L		05/DW - 5 Days Every	CP -
oosoo oolias, total suspended				Req. Value	i i	toq mon mo /tv o		AVĠ	OT Ng/u					AVĠ		AVĠ	10 mg/L		Week	COMPOS
				NODI																
				Sample									=	0.9			19 - mg/L		01/30 - Monthly	CP - COMPOS
00605 Nitrogen, organic total [as N]	1 - Effluent Gross	0		Permit										Req Mon MO AVG			19 - mg/L		01/30 - Monthly	CP - COMPOS
				Req. Value										AVG					,	COMPOS
				NODI															05/01/4 5 0 5	0.0
				Sample	= 1	12.44	=	14	01 - kg/d				=	0.16	=	0.17	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	3		Permit Req.	<= 1	150 MO AVG	<=	188 WKLY AVG	01 - kg/d				<=	1.1 MO AVG	<=	1.7 WKLY AVG	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPOS
				Value																23.111 30
				NODI																CP -
																				31

				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													
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross			Sample							=	11.85			19 - mg/L	01/30 - Monthly	CP - COMPOS
		0		Permit Req.								Req Mon MO AVG			19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI													
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Sample =	12.06	=	13.24	01 - kg/d			=	0.16	=	0.17	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
				Permit Req. <=	41 MO AVG	<=	51 WKLY AVG	01 - kg/d			<=	.3 MO AVG	<=	.45 WKLY AVG	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
				Value NODI													
					20.15	=	20.96	03 - MGD								01/01 - Daily	CN - CONTIN
50050 Flow, in conduit or thru treatment plant	t 1 - Effluent Gross	0		Permit <=	36 MO AVG	<=	45 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							=	0.07	=	0.07	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	0		Sample							=	2	=	14	13 - #/100mL	03/DW - 3 Days Every Week	GR - GRAB
74055 Coliform, fecal general				Permit Req.							<=	200 MOAV GEO) <=	400 WKAV GEO	13 - #/100mL	03/DW - 3 Days Every Week	GR - GRAB
				Value NODI													
	SL - Sludge	0		Sample =	1487			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					-	98.11					23 - %	01/30 - Monthly	CA - CALCTD
81010 BOD, 5-day, percent removal				Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
				Value NODI													
	K - Percent Removal	0		Sample					-	99.15					23 - %	01/30 - Monthly	CA - CALCTD
81011 Solids, suspended percent removal				Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
o to the contact, categoritate personal removal				Value NODI													
TBP3B Noel Statre 7Day Chronic Ceriodaphnia	1 - Effluent Gross	0		Sample													
				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

1. Influent Flow meter installation is underway. Loadings are calculated using effluent meters at this time. 2. A total of 19 Nitrate-Nitrate values were tested instead of 1. 3. Organic nitrogen was calculated as Organic nitrogen, ammonia on the 19th of October. 4. Fecal coliform has 4 data points instead of 3 in the week Oct 21-Oct 28. 5. 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 as 100*(TSS,in,avg - TSS,eff,avg)/TSS,in,avg.

Attachments

Name	Туре	Size
Oct2017MOR-SnapFinger.xlsx	xlsx	123031

Report Last Saved By

Dekalb County Department of Watershed Management

User: Snapfinger
Name: David Hayes

E-Mail: dehayes@dekalbcountyga.gov

Date/Time: 2017-11-14 12:02 (Time Zone: -05:00)

Report Last Signed By

User: SandraLGlenn2
Name: Sandra Glenn

E-Mail: slglenn@dekalbcountyga.gov

Date/Time: 2017-11-14 15:34 (Time Zone: -05:00)