DMR Copy of Record

Permit

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

Yes Major:

Permittee Address:

1580 Roadhaven Drive Stone Mountain, GA 30083

4124 FLAKES MILL ROAD DECATUR, GA 30034 Facility Location:

DEKALB COUNTY - SNAPFINGER CREEK WPCP

Facility:

Permitted Feature: 001

External Outfall

001-B1

Discharge: Final Discharge (36 MGD)

Report Dates & Status

DMR Due Date: From 07/01/17 to 07/31/17 08/15/17 **Monitoring Period:**

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

Title: Telephone: Scott First Name: Director 770-621-7234

Towler Last Name:

Parameter						Quantity or Loading							Quality or C	oncentration				# of Frequency of Analysis	Sample Ty
Code Name		#	NODI		Qualifier 1	Value 1	Qualifie 2	r Value 2	Units	Qualific 1	er	Value 1	Qua		Qualifier 3	Value 3	Units		
				Sample						=	6.7						19 - mg/L	01/01 - Daily	GR - GRAI
O0300 Oxygen, dissolved [DO]	1 - Effluent Gross	1		Permit Req.						>=	6 MINIMUM						19 - mg/L	01/01 - Daily	GR - GRAI
				Value NODI															
0310 BOD, 5-day, 20 deg. C				Sample =		586	=	1152	01 - kg/d				_	6.88	_	12.6	19 - mg/L	05/DW - 5 Days Every	CP -
				Permit														Week 05/DW - 5 Days Every	COMPOS CP -
	1 - Effluent Gross	2		Req.	(= /	1365 MO AVG	<=	1705 WKLY AVG	01 - kg/d				<=	10 MO AVG	<=	15 WKLY AVG	19 - mg/L	Week	COMPOS
				Value NODI															
				Sample =	. /	18269	=	23461	01 - kg/d				=	223	=	255	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
	G - Raw Sewage Influent	0		Permit Req.	F	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
	mindent			Value				AVG						AVG		AVG		Week	COMFOS
				NODI Sample						=	6.46				=	7.71	12 - SU	01/01 - Daily	GR - GRAI
00400 pH	4. E#J	0		Permit						>=	6 MINIMUM					8.5 MAXIMUM	12 - SU	01/01 - Daily	GR - GRA
	1 - Effluent Gross			Req. Value															
				NODI														05/DW - 5 Days Every	CP -
00530 Solids, total suspended		0 -		Sample =	• /	183	=	217	01 - kg/d				=	2.17	=	2.71	19 - mg/L	Week	COMPOS
	1 - Effluent Gross			Permit Keq.	:= 2	2729 MO AVG	<=	3411 WKLY AVG	01 - kg/d				<=	20 MO AVG	<=	30 WKLY AVG	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
				Value NODI															
00530 Solids, total suspended		0 -	-	Sample =	. 2	24685	=	29001	01 - kg/d				=	300	=	334	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
	G - Raw Sewage			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 -
	Influent			Req. Value				AVG	o. ng/a					AVĞ		AVĞ		Week	COMPOS
				NODI															CP -
00605 Nitrogen, organic total [as N]		0 -		Sample									=	0.9			19 - mg/L	01/30 - Monthly	COMPOS
	1 - Effluent Gross			Permit Req.										Req Mon MO AVG			19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value NODI															
				Sample =		15.96	_	28.3	01 - kg/d				=	0.2	_	0.36	19 - mg/L	05/DW - 5 Days Every	CP -
00610 Nitrogen, ammonia total [as N]	4. E#J	2		Permit														Week 05/DW - 5 Days Every	COMPOS CP -
	1 - Effluent Gross			Req. Value	= /	109 MO AVG	<=	137 WKLY AVG	01 - kg/d				<=	.8 MO AVG	<=	1.2 WKLY AVG	19 - mg/L	Week	COMPOS
				NODI															
0625 Nitrogen, Kjeldahl, total [as N]		0		Sample									=	1			19 - mg/L	01/30 - Monthly	CP - COMPOS
	1 - Effluent Gross			Permit Req.										Req Mon MO AVG			19 - mg/L	01/30 - Monthly	CP - COMPOS
				Value															22.11 30
				NODI															CP -

				Sample							=	10.7			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					COIVII CC
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Sample =	8.48	=	10.9	01 - kg/d			=	0.1	=	0.13	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
				Permit <=	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													
50050 Flow, in conduit or thru treatment plant	nt 1 - Effluent Gross	0		Sample =	21.88	=	26.75	03 - MGD								01/01 - Daily	CN - CONTIN
				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							=	0.04	=	0.06	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							=	1	=	2	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											#/ TOOTIL	vveek	
	SL - Sludge	0		Sample =	1166			70 - dry								01/30 - Monthly	CA - CALCTD
78477 Solids, sludge, total, dry weight			-	Permit	Reg Mon MO			ton 70 - dry								01/30 - Monthly	CA - CALCTD
				Req. Value	TOTAL			ton								, , ,	
				NODI Sample						96.81					23 - %	01/30 - Monthly	CA - CALCTD
91010 POD 5 day paraent removal	K - Percent Removal	0		Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
81010 BOD, 5-day, percent removal			_	Value NODI													
				Sample					=	99.21					23 - %	01/30 - Monthly	CA - CALCTD
81011 Solids, suspended percent removal	K - Percent Removal	0		Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
				Value NODI													
TBP3B Noel Statre 7Day Chronic Ceriodaphnia	1 - Effluent Gross	0		Sample													
				Permit Req.						Req Mon MINIMUM					23 - %	01/YR - Annual	CP - COMPOS
Сепочарнна				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 18 Nitrate-Nitrite samples were collected. 3. Organic nitrogen was calculated as Organic nitrogen =TKN on the 5th of July Nitrogen, ammonia on the 5th of July 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. 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 removal as 100*(TSS,in,avg. 6. For TSS Influent: the week 22nd July to 28th July has 6 data points instead of 5. 7. For TSS Effluent: the week 22nd July to 28th July has 6 data points instead of 5. 10. For Ammonia Effluent: the week 22nd July to 28th July has 6 data points instead of 5. 11. For Total Phophorus Effluent: the week 22nd July to 28th July has 6 data points instead of 5. 12. Ortho-Phosphorus has 19 data points for the month of July.

Attachments

Name Name		Туре	Size
July2017MOR-SnapFinger.xlsx	xl	klsx	84063
July2017eDMR-SnapFinger.xlsx	xl	dsx	51317

Report Last Saved By

Dekalb County Department of Watershed Management

User: SandraLGlenn2 Date/Time: 2017-08-15 16:43 (Time Zone: -04:00)

Sandra Glenn Name:

E-Mail: slglenn@dekalbcountyga.gov