DMR Copy of Record

Permit

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

Yes Major:

1580 Roadhaven Drive Stone Mountain, GA 30083

Director, Watershed Management

DEKALB COUNTY - SNAPFINGER CREEK WPCP

Facility Location:

Facility:

4124 FLAKES MILL ROAD DECATUR, GA 30034

Permitted Feature: 001

External Outfall

001-B1

Final Discharge (36 MGD)

Report Dates & Status

From 08/01/17 to 08/31/17 **Monitoring Period:**

DMR Due Date: 09/15/17

Permittee Address:

Discharge:

Status:

NetDMR Validated

Principal Executive Officer

Scott First Name:

Considerations for Form Completion

Last Name: Towler

Title:

Telephone: 770-621-7234

No Data Indicator (NODI)

Form NODI:

Parameter Monitoring Location Season Param.								intity or Lo			Quality or Concentration							# of Frequency of Analysis	Sample Type	
Code	Name		#	NODI		Qualifier 1	Value 1	Qualifier 2	r Value 2	Units	Qualifier 1		Value 1	Qualifie 2	Value 2	Qualifier 3	Value 3	Units	Ex.	
					Sample						=	7.15						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		405		498	01 - kg/d					_		7	10	05/DW - 5 Days Every	CP -
	BOD, 5-day, 20 deg. C	1 - Effluent Gross	2		Sample	=		=	498					=	5	=	/	19 - mg/L	Week 05/DW - 5 Days Every	COMPOS CP -
00310					Permit Req.	<=	1365 MO AVG	<=	1705 WKLY AVG	01 - kg/d				<=	10 MO AVG	<=	15 WKLY AVG	19 - mg/L	Week	COMPOS
					Value NODI															
					Sample	=	20673.66	=	25346.04	01 - kg/d				=	260.3	_	288.5	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage	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 -
	BOD, 5-day, 20 deg. C	Influent	U		Req. Value		rtoq mon mo /tv o		AVĠ	or ng/a					AVG		AVG	10 mg/L	Week	COMPOS
					NODI															
	рН	1 - Effluent Gross	0		Sample Permit							6.47					7.58	12 - SU	01/01 - Daily	GR - GRAB
00400					Req.						>=	6 MINIMUM				<=	8.5 MAXIMUM	12 - SU	01/01 - Daily	GR - GRAB
					Value NODI															
	Solids, total suspended		0	_	Sample	=	172	=	232	01 - kg/d				=	2	=	3	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
00530		1 - Effluent Gross			Permit	<=	2729 MO AVG	<=	3411 WKLY AVG	01 - kg/d				<=	20 MO AVG	<=	30 WKLY AVG	19 - mg/L	05/DW - 5 Days Every	CP - COMPOS
					Req. Value														Week	COMPOS
					NODI														05/DW - 5 Days Every	CP -
	Solids, total suspended	G - Raw Sewage Influent	0		Sample	=	27310	=	34464.25	01 - kg/d				=	344		395.5	19 - mg/L	Week	COMPOS
00530					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															
					Sample									_	1.01			19 - mg/L	01/30 - Monthly	CP -
		1 - Effluent Gross	0		Permit										Req Mon MO				-	COMPOS CP -
00605	Nitrogen, organic total [as N]				Req.										AVG			19 - mg/L	01/30 - Monthly	COMPOS
					Value NODI															
	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2		Sample	=	11.49	=	15.6	01 - kg/d				=	0.15	=	0.21	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
00610					Permit	<=	109 MO AVG	<=	137 WKLY AVG	01 - kg/d				<=	.8 MO AVG	<=	1.2 WKLY AVG	19 - mg/L	05/DW - 5 Days Every	CP - COMPOS
					Req. Value														Week	COMPOS
					NODI															CP -
					Sample									=	1.1			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															
					NODI															CP -

				Sample							=	11.34			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
				Sample =	13.64	=	18.14	01 - kg/d			=	0.17	-	0.24	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		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													
	1 - Effluent Gross			Sample =	21.12	=	23.9	03 - MGD								01/01 - Daily	CN - CONTIN
50050 Flow, in conduit or thru treatment plant		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			Sample							=	0.11	-	0.16	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							=	1	-	2	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	, rock	
	SL - Sludge	0		Sample =	1339.2			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					-	97.99					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													
		0		Sample					=	99.4					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													
	1 - Effluent Gross			Sample													
TBP3B Noel Statre 7Day Chronic Ceriodaphnia		0		Permit Req.						Req Mon MINIMUM					23 - %	01/YR - Annual	CP - COMPOS
				Value NODI						9 - Conditional Monitoring - Not Required This Period							
				Sample													0.0
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 31 BOD effluent samples were taken since a study was being carried out. 3. A total of 30 BOD influent samples were taken since a study was being carried out. 4. A total of 31 TSS effluent samples were taken since a study was being carried out. 5. A total of 30 TSS influent samples were taken since a study was being carried out. 7. A total of 31 Ammonia effluent samples were taken since a study was being carried out. 7. A total of 31 Ammonia effluent samples were taken since a study was being carried out. 8. Organic nitrogen was calculated as Organic nitrogen =TKN on the 7th of August nitrogen, ammonia on the 7th of August. 9. A total of 31 Ortho-Phosphorus effluent samples were taken since a study was being carried out. 10. 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 calculations here does not export the decimal of Solids, sludge total, dry weight in the report it prints but it does include the decimals in the sum of each days Solids, sludge total, dry weight.

Attachments

Name	Туре	Size
August2017DMR-Snapfinger.xls	xls	98304
August2017MOR-Snapfinger.xls	xls	202240

Report Last Saved By

Dekalb County Department of Watershed Management

User: VBHOGINENI

Name: Vasudha Bhogineni

E-Mail: vbhogineni@dekalbcountyga.gov

Date/Time:

2017-09-13 16:58 (Time Zone: -04:00)