# **DMR Copy of Record**

Permit

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

Yes Major:

1580 Roadhaven Drive Stone Mountain, GA 30083 Permittee Address:

Facility:

DEKALB COUNTY - SNAPFINGER CREEK WPCP

Facility Location:

4124 FLAKES MILL ROAD DECATUR, GA 30034

**Permitted Feature:** 001

External Outfall

001-B1

Final Discharge (36 MGD)

Report Dates & Status

From 03/01/18 to 03/31/18

DMR Due Date: 04/15/18

Discharge:

Title:

Status:

NetDMR Validated

**Considerations for Form Completion** 

Principal Executive Officer

**Monitoring Period:** 

Reginald First Name:

Wells Last Name:

Interim Director

Telephone:

770-621-6200

No Data Indicator (NODI)

	NODI:	Monitoring Location	Season	Param.			Ous	antity or Lo	nading					Quality or Con	centration				# of Frequency of Analysis	s Sample T
Code		monitoring Ecoation	#	NODI		Qualifier 1		Qualifier 2		Units	Qualifie 1	r	Value 1	Qualific 2		Qualifier 3	Value 3	Units	Ex.	. Cample I
					Sample						=	8.83						19 - mg/L	01/01 - Daily	GR - GRAI
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1		Permit Req.						>=	6 MINIMUM						19 - mg/L	01/01 - Daily	GR - GRA
	Oxygen, dissolved [DO]	Lindent Cross			Value															
					NODI														05/DW - 5 Days Every	CP -
	BOD, 5-day, 20 deg. C	1 - Effluent Gross			Sample	=	472	=		01 - kg/d				=	4.71	=	6.2	19 - mg/L	Week	COMPOS CP -
00310			3		Permit Req.	<=	2729 MO AVG	<=	3411 WKLY AVG	01 - kg/d				<=	20 MO AVG	<=	30 WKLY AVG	19 - mg/L	05/DW - 5 Days Every Week	COMPOS
					Value NODI															
00210					Sample	=	25670	=	35521	01 - kg/d				=	256	=	374	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
	BOD, 5-day, 20 deg. C	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 -
000.0	202, 0 day, 20 dog. 0				Req. Value				AVG						AVG		AVG		Week	COMPOS
					NODI							0.40					7.04	40. 011	04/04 D-11	OD ODA
00400	DH	1 - Effluent Gross	0 -		Sample Permit						=	6.12 6 MINIMUM					7.31 8.5 MAXIMUM	12 - SU 12 - SU	01/01 - Daily 01/01 - Daily	GR - GRAE
					Req. Value						>=	O IVIINIIVIOIVI				<=	0.5 IVIAAIIVIUIVI	12 - 30	01/01 - Daily	GR - GRAD
					NODI															
	Solids, total suspended	1 - Effluent Gross	0	-	Sample	=	315	=	406	01 - kg/d				=	3.05	=	3.8	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
00530					Permit Req.	<=	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														Week	COMITOS
					NODI		00707		04044	04					044		0.40	40	05/DW - 5 Days Every	CP -
	Solids, total suspended	G - Raw Sewage Influent	0		Sample	=	33797	=	61244	01 - kg/d				=	341	=	648	19 - mg/L	Week	COMPOS CP -
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	COMPOS
					Value 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			19 - mg/L	01/30 - Monthly	CP -
00000					Req. Value										AVĠ			13 mg/L	01/30 Monthly	COMPOS
					NODI															
					Sample	=	25.25	=	43.6	01 - kg/d				=	0.24	=	0.38	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0 -		Permit Req.	<=	478 MO AVG	<=	597 WKLY AVG	01 - kg/d				<=	3.5 MO AVG	<=	5.3 WKLY AVG	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
					Value															
					NODI										4			10 ===/	01/30 - Monthly	CP -
					Sample Permit									<	Req Mon MO			19 - mg/L		COMPOS
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0 -		Req.										AVG			19 - mg/L	01/30 - Monthly	CP - COMPOS
					Value NODI															
																				CP -

			Sample							=	9.8			19 - mg/L	01/30 - Monthly	COMPOS
00630 Nitrite + Nitrate 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													
			Sample =	11.95	=	13.15	01 - kg/d			=	0.12	=	0.12	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													
			Sample =	25.95	=	28.2	03 - MGD								01/01 - Daily	CN - CONTIN
50050 Flow, in conduit or thru treatment plans	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													
			Sample							=	0.02	=	0.02	19 - mg/L	01/30 - Monthly	CP - COMPOS
50785 Phosphorus, ortho	1 - Effluent Gross	0	 Permit Req.								Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	01/30 - Monthly	CP - COMPOS
			Value NODI								AVO		AVO			OOIVII OO
			Sample							_	1	=	2	13 - #/100mL	03/DW - 3 Days Every Week	GR - GRAB
74055 Coliform, fecal general	1 - Effluent Gross	0	 Permit							<=	200 MOAV GEC	) <=	400 WKAV GEO	13 -	03/DW - 3 Days Every	GR - GRAB
Trood Comonn, rood goneral	- Emacin Grood		Req. Value								200 1110711 020			#/100mL	Week	
			NODI	1833			70 - dry								01/30 - Monthly	CA - CALCTD
	SL - Sludge		Sample =	Req Mon MO			ton 70 - dry									
78477 Solids, sludge, total, dry weight		0	 Req. Value	TOTAL			ton								01/30 - Monthly	CA - CALCTD
			NODI													
	K - Percent Removal		Sample					=	98.1					23 - %	01/30 - Monthly	CA - CALCTD
81010 BOD, 5-day, percent removal		0	 Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
			Value NODI													
			Sample					=	98.8					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													
	1 - Effluent Gross	0	Sample													
TBP3B Noel Statre 7Day Chronic Ceriodaphnia			 Permit Req.						Req Mon MINIMUM					23 - %	01/YR - Annual	CP - COMPOS
			Value NODI						9 - Conditional Monitoring - Not Required This Period							
			Sample													
	4 550	0	 Permit Req.						Req Mon MINIMUM					23 - %	01/YR - Annual	CP - COMPOS
TBP6C Noel Statre 7Day Chronic Pimephales	1 - Effluent Gross	U	rtoq.						9 - Conditional Monitoring - Not Required This							

### **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 2 Nitrate-Nitrite samples were tested instead of 1. 3. Organic Nitrogen = TKN on 5th of March- Ammonia on the 5th of March. 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 - 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 removal as 100\*(BOD5, in, avg - BOD5, eff, avg)/TSS, in, avg - TSS, eff, avg - TSS, eff

## Attachments

Name	Туре	Size
March2018MOR-SnapFinger.xlsx	xlsx	125431

Report Last Saved By

**Dekalb County Department of Watershed Management** 

User: Earendel

Colin Decker

E-Mail: cjdecker@dekalbcountyga.gov

Date/Time: 2018-04-13 08:52 (Time Zone: -04:00)

Report Last Signed By

User: SandraLGlenn2
Name: Sandra Glenn

E-Mail: slglenn@dekalbcountyga.gov

Date/Time: 2018-04-13 09:21 (Time Zone: -04:00)