# **DMR Copy of Record**

Permit

GA0026816 Permit #:

Permittee: Dekalb County Department of Watershed Management

Yes Major:

1580 Roadhaven Drive Stone Mountain, GA 30083

4664 FLAT BRIDGE RD LITHONIA, GA 30038 Facility Location:

Facility:

**Permitted Feature:** 

001 External Outfall Discharge:

Permittee Address:

001-B Final Discharge (20 MGD)

Report Dates & Status

From 05/01/18 to 05/31/18 **Monitoring Period:** 

Wells

DMR Due Date: 06/15/18

Status: NetDMR Validated

**Considerations for Form Completion** 

Principal Executive Officer

Reginald First Name:

Title: Interim Director, Watershed Management

Telephone:

770-621-7204

DEKALB COUNTY - POLEBRIDGE CREEK WPCP

No Data Indicator (NODI)

Last Name:

Form NODI:

	Parameter Monitoring Location			n Param. NODI	Quantity or Loading						Quality or Concentration								Frequency of Analysis	Sample Typ	
Code	Name		#	NODI		Qualifier 1	Value 1	Qualifie 2	er Value 2	Units	Qualifie 1	r	Value 1	Qı	alifier Value 2	2 Qualifie 3	r Value 3	Units	Ex.		
					Sample						=	7.1						19 - mg/L		01/01 - Daily	GR - GR
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.						>=	6 MINIMUM						19 - mg/L		01/01 - Daily	GR - GR
	onygen, alecented [20]				Value																
					NODI		79.95		00	01 - kg/c					2.4		4	40/1		05/DW - 5 Days Every	CP -
					Sample	=		=	99					=	3.1	=	4	19 - mg/L		Week	COMPO CP -
00310	OD, 5-day, 20 deg. C	1 - Effluent Gross	3		Req.	<=	1137 MO AVG	<=	1422 WKLY AVG	01 - kg/c				<=	15 MO AVO	S <=	22 WKLY AVG	19 - mg/L		05/DW - 5 Days Every Week	COMPC
					Value NODI																
					Sample	=	6758	=	7119.54	01 - kg/c				=	261	=	278	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPO
00310 E	BOD, 5-day, 20 deg. C	G - Raw Sewage	0		Permit		Reg Mon MO AVG		Req Mon WKLY	01 - kg/c					Req Mon M	0	Req Mon WKLY	19 - mg/L		05/DW - 5 Days Every	CP -
		Influent			Req. Value				AVG						AVG		AVĞ			Week	COMPC
					NODI							0.0					7.4	40. 011		04/04 D=1b	GR - GF
00400 p	ρΗ	1 - Effluent Gross			Sample Permit						=	6.2 6 MINIMUM				=	7.1 8.5 MAXIMUM	12 - SU 12 - SU		01/01 - Daily 01/01 - Daily	GR - GF
			0		Req. Value						>=	O IVIIIVIIVIOIVI				<=	0.5 WAXIIVIOW	12 - 30		01/01 - Dally	GK - GI
					NODI																
00530 \$	Solids, total suspended		0		Sample	=	30.32	=	45.37	01 - kg/c				=	1.174	=	1.8	19 - mg/L		05/DW - 5 Days Every Week	CP - COMP
		1 - Effluent Gross			Permit Req.	<=	1516 MO AVG	<=	1895 WKLY AVG	01 - kg/c				<=	20 MO AVO	; <=	30 WKLY AVG	19 - mg/L		05/DW - 5 Days Every Week	CP - COMP(
					Value															TVOOR .	- COMIN C
					NODI Sample		9244	_	9987.15	01 - kg/c				_	358.3	_	378	19 - mg/L		05/DW - 5 Days Every	CP -
	Solids, total suspended	G - Raw Sewage Influent	0		Permit	=		=	Req Mon WKLY						Req Mon M		Req Mon WKLY			Week 05/DW - 5 Days Every	COMPC
0530					Req.		Req Mon MO AVG		AVG	01 - kg/c					AVG		AVG	19 - mg/L		Week	COMPO
					Value NODI																
					Sample									=	0.9			19 - mg/L		01/30 - Monthly	CP - COMPO
00605	litrogen, organic total [as N]	1 - Effluent Gross	0		Permit										Req Mon M	О		19 - mg/L		01/30 - Monthly	CP - COMPC
					Req. Value										AVG					•	COMPC
					NODI															05/DW - 5 Days Every	CP -
	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1		Sample	=	4.15	=	3.48	01 - kg/c				=	0.15	=	0.15	19 - mg/L		Week	COMPO
0610					Permit Req.	<=	167 MO AVG	<=	209 WKLY AVG	01 - kg/c				<=	2.2 MO AV	G <=	3.3 WKLY AVG	19 - mg/L		05/DW - 5 Days Every Week	CP - COMPO
					Value NODI																
	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Sample									_	1			19 - mg/L		01/30 - Monthly	CP -
)62E					Permit										Req Mon M	0					COMPC
J025					Req. Value										AVĠ			19 - mg/L		01/30 - Monthly	СОМРО
					NODI																
																					CP -

				Sample							-	5.1			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 =	5.02	=	7.11	01 - kg/d			=	0.2	=	0.29	19 - mg/L	05/DW - 5 Days Every Week	CP - COMPOS
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit <=	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 =	6.76	=	7.1	03 - MGD								01/01 - Daily	CN - CONTIN
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit <=	20 MO AVG	<=	25 WKLY AVG	03 - MGD								01/01 - Daily	CN - CONTIN
1 low, in conduct of that treatment pie	Emdent Gross	U	-	Value													
				NODI Sample					-	0.01	_	0.01	-	0.01	19 - mg/L	01/01 - Daily	GR - GRAB
				Permit											-		
50060 Chlorine, total residual	1 - Effluent Gross	0		Req. Value					<=	.01 MO AVG	<=	.01 WKLY AVG	<=	.01 DAILY MX	19 - mg/L	01/01 - Daily	GR - GRAB
				NODI													
	1 - Effluent Gross			Sample							=	0.05	=	0.05	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							_	9.32	_	10	13 - #/100mL	03/DW - 3 Days Every Week	GR - GRAB
74055 Coliform, fecal general		0		Permit							<=	200 MOAV GEO	) <=	400 WKAV GEO	13 -	03/DW - 3 Days Every	GR - GRAB
Troop Comonny room gonera.				Req. Value											#/100mL	Week	
				NODI				70 - dry									
	SL - Sludge	0		Sample =	111.69			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													
				Sample					-	98.76					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													
	V Dereent Demovel	0		Sample					=	99.67					23 - %	01/30 - Monthly	CA - CALCTD
81011 Solids, suspended percent removal				Permit Req.					>=	85 MINIMUM					23 - %	01/30 - Monthly	CA - CALCTD
51011 Solids, suspended percent removal	K - Percent Removal	U	-	Value													
		0		NODI Sample													
Noel Statre 7Day Chronic	1 - Effluent Gross			Permit						Reg Mon MINIMUM					23 - %	01/YR - Annual	CP -
TBP3B Noel Statre 7Day Chronic Ceriodaphnia				Req. Value						9 - Conditional Monitoring - Not Required This						on it made	COMPOS
				NODI						Period							
				Sample Permit						Dag May MINIMUM					22 0/	04 N/D . A = = = -1	CP -
TBP6C Noel Statre 7Day Chronic Pimephales	- Effluent Gross	0		Req. Value						Req Mon MINIMUM  9 - Conditional Monitoring - Not Required This					23 - %	01/YR - Annual	COMPOS
				NODI						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 project is underway. Loadings are calculated using effluent meters at this time. 2. A total of 7 Nitrate-Nitrate values were tested instead of 1. 3. Organic nitrogen was calculated as Organic nitrogen = TKN on the 9th of May nitrogen, ammonia on the 9th of May. 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 - 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.

## Attachments

Name	Туре	Size
May2018DMR.xls	xls	296960

Report Last Saved By

Dekalb County Department of Watershed Management

User: Snapfinger
Name: David Hayes

E-Mail: dehayes@dekalbcountyga.gov

Date/Time: 2018-06-13 15:00 (Time Zone: -04:00)

Report Last Signed By

User: SandraLGlenn2
Name: Sandra Glenn

E-Mail: slglenn@dekalbcountyga.gov

Date/Time: 2018-06-13 16:02 (Time Zone: -04:00)