# **DMR Copy of Record**

Permit Permit #:

Major:

GA0026816

001

Permittee:

Dekalb County Department of Watershed Management

Yes

Permittee Address:

1580 Roadhaven Drive Stone Mountain, GA 30083

001-B

Discharge: External Outfall Final Discharge (20 MGD)

Title:

Report Dates & Status

**Permitted Feature:** 

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

DMR Due Date: 09/15/17

Status:

NetDMR Validated

4664 FLAT BRIDGE RD

LITHONIA, GA 30038

DEKALB COUNTY - POLEBRIDGE CREEK WPCP

Principal Executive Officer

Scott First Name:

**Considerations for Form Completion** 

Towler

Director, Watershed Management

Telephone:

Facility:

Facility Location:

770-621-7234

No Data Indicator (NODI)

Last Name:

	Parameter	Monitoring Location	Season		Quantity or Loading							Quality or Concentration					# of Frequency of Anal	ysis Sample 7		
Code	Name		#	NODI		Qualifier 1	Value 1	Qualifie 2	r Value 2	Units	Qualifi 1	er	Value 1		alifier Value 2 2	Qualifier 3	Value 3	Units	Ex.	
					Sample			_			=	7.4			_			19 - mg/L	01/01 - Daily	GR - GR
0300	Oxygen, dissolved [DO]	1 - Effluent Gross	0 -		Permit Req.						>=	6 MINIMUM						19 - mg/L	01/01 - Daily	GR - GR
	27, ygo, a.oooou [2 0]				Value NODI															
00310 E					Sample	=	138	=	180	01 - kg/c				_	5	=	5.4	19 - mg/L	05/DW - 5 Days Every	
	POD E doy 20 dog C	1 Effluent Cross	2 -		Permit		758 MO AVG	<=	948 WKLY AVG	01 - kg/c				<=	10 MO AVG	<=	15 WKLY AVG	19 - mg/L	Week 05/DW - 5 Days Every	COMPO CP -
	3OD, 5-day, 20 deg. C	1 - Effluent Gross		-	Req. Value	<=	730 IVIO AVO	_	940 WILL AVO	01 - kg/c				<u> </u>	TO INIO AVO		13 WILLI AVO	19 - 111g/L	Week	СОМРО
					NODI														OF/DW F Davis Files	
					Sample	=	6545	=	7048	01 - kg/c				=	241		275	19 - mg/L	05/DW - 5 Days Every Week	СОМРО
0310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0 -		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	y CP - COMPO
					Value NODI															
0400 p		1 - Effluent Gross	0		Sample						=	6.7				=	7.5	12 - SU	01/01 - Daily	GR - GF
	Н				Permit Req.						>=	6 MINIMUM				<=	8.5 MAXIMUM	12 - SU	01/01 - Daily	GR - GF
					Value NODI															
0530 \$	Solids, total suspended	1 - Effluent Gross			Sample	=	38.83	=	60.39	01 - kg/c				=	1.39	=	1.86	19 - mg/L	05/DW - 5 Days Every Week	y CP - COMPC
			0 -	- <b>-</b>	Permit	<=	1516 MO AVG	<=	1895 WKLY AVG	01 - kg/c				<=	20 MO AVG	<=	30 WKLY AVG	19 - mg/L	05/DW - 5 Days Ever	y CP-
					Req. Value	<u> </u>			1000 111121 711 0	o. ng/c					20 1110 711 0		00 111121 711 0	.09/2	Week	COMPO
					NODI														05/DW - 5 Days Ever	y CP-
	Solids, total suspended	G - Raw Sewage Influent	0 -		Sample	=	8041.22	=	8394.56	01 - kg/c				=	297		341.14	19 - mg/L	Week	COMPO
0530					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	01 - kg/c					Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	05/DW - 5 Days Every Week	y CP - COMPO
					Value NODI															
	itrogen, organic total [as N]	1 - Effluent Gross	0 -		Sample									=	1.39			19 - mg/L	01/30 - Monthly	CP - COMPO
0605					Permit										Req Mon MO			19 - mg/L	01/30 - Monthly	CP - COMPO
					Req. Value										AVG				•	COMPC
					NODI		0.40		4.00	04 1 /					0.44		0.40	10 "	05/DW - 5 Days Every	v CP-
0610 N	Nitrogen, ammonia total [as N]	1 - Effluent Gross	3 -		Sample Permit	=	3.13	=	4.88	01 - kg/c				=	0.11	=	0.16	19 - mg/L	Week 05/DW - 5 Days Every	COMPO
					Req.	<=	99 MO AVG	<=	123 WKLY AVG	01 - kg/c				<=	1.3 MO AVG	<=	2 WKLY AVG	19 - mg/L	Week	COMPO
					Value NODI															
	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0 -		Sample									=	1.93			19 - mg/L	01/30 - Monthly	CP - COMPC
625					Permit Req.										Req Mon MO AVG			19 - mg/L	01/30 - Monthly	CP - COMPC
					Value										AVG			-		COIVIPO
					NODI															CP -

				Sample							=	5.6			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								AVG					COMFOS
				NODI													
				Sample =	3.61	=	5.49	01 - kg/d			=	0.13	=	0.22	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													
	1 - Effluent Gross			Sample =	7.23	=	8.45	03 - MGD								01/01 - Daily	CN - CONTIN
50050 Flow, in conduit or thru treatment plant		0		Permit <=	20 MO AVG	<=	25 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							=	0.09	=	0.15	19 - mg/L	01/30 - Monthly	CP - COMPOS
50785 Phosphorus, ortho				Permit								Req Mon MO		Req Mon WKLY AVG	19 - mg/L	01/30 - Monthly	CP -
oor oo i moophorad, draid				Req. Value								AVĠ		AVG		,	COMPOS
				NODI											13 -	03/DW - 3 Days Every	OD ODAD
	1 - Effluent Gross	0		Sample Permit							=	1	=	1	#/100mL 13 -	Week 03/DW - 3 Days Every	GR - GRAB
74055 Coliform, fecal general				Req.							<=	200 MOAV GEO	) <=	400 WKAV GEO	#/100mL	Week	GR - GRAB
				Value NODI													
	SL - Sludge	0		Sample =	175.11			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													
				Sample					=	97.84					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													
	K - Percent Removal	0		Sample					=	99.49					23 - %	01/30 - Monthly	CA - CALCTD
81011 Solids, suspended 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
Основарнна				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 31 BOD effluent 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 31 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. A total of 30 Nitrate-Nitrite samples were taken since a study was being carried out. 9. Organic nitrogen =TKN on the 7th of August nitrogen, ammonia on the 7th of August. 10. A total of 31 Ortho-Phosphorus effluent samples were taken since a study was being carried out. 11. 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 Name	Туре	Size
August2017DMR-PoleBridge.xls	xls	82432
August2017LOR-PoleBridge.xls	xls	264192

Report Last Saved By

Dekalb County Department of Watershed Management

 User:
 Snapfinger

 2017-09-14 07:44 (Time Zone: -04:00)

Name: David Hayes

E-Mail: dehayes@dekalbcountyga.gov