

DMR Copy of Record

Permit

Permit #: **TX0071889**
 Major:

Permittee: AUSTIN, CITY OF (S AUSTIN REG)
 Permittee Address: PO BOX 1088
 AUSTIN, TX 78767

Facility: SOUTH AUSTIN REGIONAL WWTF
 Facility Location: 13009 FALWELL LANE
 AUSTIN, TX 78767

Permitted Feature: 001
 External Outfall

Discharge: **001-A**
 DOMESTIC FACILITY - 001

Report Dates & Status

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

DMR Due Date: 09/20/17

Status: **NetDMR Validated & Complete**

Considerations for Form Completion

Principal Executive Officer

First Name: Greg
 Last Name: Meszaros

Title: Director, Austin Water Utility

Telephone: 512-972-0101

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	6.4					19 - mg/L	0	01/01 - Daily	GR - GRAB
					Permit Req.					>=	6 MO MIN					19 - mg/L		01/01 - Daily	GR - GRAB
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample					=	6.9		=	7.4	12 - SU	0	01/01 - Daily	GR - GRAB	
					Permit Req.					>=	6 MINIMUM		<=	9 MAXIMUM	12 - SU		01/01 - Daily	GR - GRAB	
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	1833					=	4.4	=	10	19 - mg/L	0	01/01 - Daily	CP - COMPOS
					Permit Req.	<=	9383 DAILY AV					<=	15 DAILY AV	<=	40 DAILY MX	19 - mg/L		01/01 - Daily	CP - COMPOS
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	<	43.3					<	0.1	=	0.4	19 - mg/L	0	01/01 - Daily	CP - COMPOS
					Permit Req.	<=	1251 DAILY AV					<=	2 DAILY AV	<=	10 DAILY MX	19 - mg/L		01/01 - Daily	CP - COMPOS
					Value NODI														
50050	Flow, in conduit or	1 - Effluent Gross	0	--	Sample	=	46	=	101.3	03 - MGD						0	99/99 - Continuous	TM - TOTALZ	

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
	thru treatment plant				Permit Req.	Req Mon DAILY AV		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	TM - TOTALZ
					Value NODI													
	Flow, in conduit or thru treatment plant	P - See Comments	0	--	Sample	=	79166	78 - gal/min									99/99 - Continuous	TM - TOTALZ
50050					Permit Req.	<=	150000 2HR PEAK	78 - gal/min									99/99 - Continuous	TM - TOTALZ
					Value NODI													
	Flow, in conduit or thru treatment plant	Y - Effluent Gross (Supplementary)	0	--	Sample	=	42.2	03 - MGD									99/99 - Continuous	TM - TOTALZ
50050					Permit Req.	<=	75 ANNL AVG	03 - MGD									99/99 - Continuous	TM - TOTALZ
					Value NODI													
	Chlorine, total residual	A - Disinfection, Process Complete	0	--	Sample							=	0	19 - mg/L			01/01 - Daily	GR - GRAB
50060					Permit Req.							<	.1 INST MAX	19 - mg/L			01/01 - Daily	GR - GRAB
					Value NODI													
	Chlorine, total residual	B - Prior to Disinfection	0	--	Sample				=	1				19 - mg/L			01/01 - Daily	GR - GRAB
50060					Permit Req.				>=	1 MO MIN				19 - mg/L			01/01 - Daily	GR - GRAB
					Value NODI													
	E. coli	1 - Effluent Gross	0	--	Sample							<	1	=	15	30 - MPN/100mL	05/WK - Five Per Week	GR - GRAB
X 51040					Permit Req.							<=	126 DAILY AV	<=	399 DAILY MX	3Z - CFU/100mL	05/WK - Five Per Week	GR - GRAB
					Value NODI													
	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	<	746	26 - lb/d				<	2	=	2.6	19 - mg/L	01/01 - Daily	CP - COMPOS
80082					Permit Req.	<=	6255 DAILY AV	26 - lb/d				<=	10 DAILY AV	<=	25 DAILY MX	19 - mg/L	01/01 - Daily	CP - COMPOS
					Value NODI													

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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
51040	E. coli	1 - Effluent Gross	Units	Soft	The selected units do not match the units specified by the permit for this parameter. The provided sample value(s) may be outside the permit limit. (Error Code: 3)	<input checked="" type="checkbox"/>
51040	E. coli	1 - Effluent Gross	Units	Soft	The selected units do not match the units specified by the permit for this parameter. The provided sample value(s) may be outside the permit limit. (Error Code: 3)	<input checked="" type="checkbox"/>

Comments

E.Coli: Units reported in MPN/100mL, not in CFU/100mL. BOD, carbonaceous: Result = <2mg/L, reported as Lab Error (LE) 08/03/17. Standard < QC limit. BOD, carbonaceous: Result reported as Lab Error (LE) 08/28/17. Insufficient depletion of seed control samples. BOD, carbonaceous: Result reported as Lab Error (LE) 08/29/17. Insufficient depletion of seed control samples. BOD, carbonaceous: Result reported as Lab Error (LE) 08/30/17. Insufficient depletion of seed control samples.

Attachments

No attachments.

Report Last Saved By

AUSTIN, CITY OF (S AUSTIN REG)

User: ayman.benyamin@austintexas.gov

Date/Time:

2017-09-18 13:39 (Time Zone: -05:00)

Name: Ayman Benyamin

E-Mail: ayman.benyamin@austintexas.gov