

DMR Copy of Record

Permit

Permit #: **TX0097870**

Major:

Permittee: AUSTIN, CITY OF
 Permittee Address: PO BOX 1088
 AUSTIN, TX 78767

Facility: DESSAU WWTF
 Facility Location: 1601 FISH LANE
 AUSTIN, TX 78746

Permitted Feature: 001
 External Outfall

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

Report Dates & Status

Monitoring Period: **From 02/01/17 to 02/28/17**

DMR Due Date: **03/20/17**

Status: **NetDMR Validated & Complete**

Considerations for Form Completion

Principal Executive Officer

First Name: Greg

Title: Director

Telephone: 512-972-0101

Last Name: Meszaros

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					=	7.8					19 - mg/L	0	25/30 - 25 Per Month	GR - GRAB	
					Permit Req.					>=	5 MO MIN							19 - mg/L	01/07 - Weekly	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample					=	7			=	8.4	12 - SU	0	27/30 - 27 Per Month	GR - GRAB	
					Permit Req.					>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB	
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	4.5				26 - lb/d		=	2.5	=	3.4	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	63 DAILY AV				26 - lb/d		<=	15 DAILY AV	<=	40 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	<	0.4				26 - lb/d		<	0.2	=	0.5	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	13 DAILY AV				26 - lb/d		<=	3 DAILY AV	<=	10 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Value 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	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.22	=	0.3	03 - MGD							0	99/99 - Continuous	TM - TOTALZ	
					Permit Req.	<=	.5 DAILY AV		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	TM - TOTALZ	
					Value NODI															
X 50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample					=	1.3			=	5.2	19 - mg/L	1	01/01 - Daily	GR - GRAB	
					Permit Req.					>=	1 MO MIN			<=	4 MO MAX	19 - mg/L		01/01 - Daily	GR - GRAB	
					Value NODI															
X 51040	E. coli	1 - Effluent Gross	0	--	Sample							<	1	<	1	30 - MPN/100mL	0	01/07 - Weekly	GR - GRAB	
					Permit Req.							<=	120 DAILY AV	<=	380 DAILY MX	3Z - CFU/100mL		01/07 - Weekly	GR - GRAB	
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	<	4					<	2.2	=	2.9	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	42 DAILY AV			26 - lb/d			<=	10 DAILY AV	<=	25 DAILY MX		19 - mg/L	01/07 - Weekly	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"/>
50060	Chlorine, total residual	1 - Effluent Gross	Quality or Concentration Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	<input checked="" type="checkbox"/>

Comments

E. coli: Units reported in MPN/100mL, not CFU/100mL The Cl2 result of 5.20 mg/L on 2/19/17 exceeded the permitted limit of 4.0 mg/L. 2-Hr peak floe limit 1,200 gpm. Maximum reported 785 gpm on 2/6/2017

Attachments

No attachments.

Report Last Saved By

AUSTIN, CITY OF

User: ayman.benyamin@austintexas.gov
Name: Ayman Benyamin
E-Mail: ayman.benyamin@austintexas.gov

Date/Time: 2017-03-16 13:24 (Time Zone: -05:00)