

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 08/01/15 to 08/31/15**

DMR Due Date: **09/20/15**

Status: **NetDMR Validated & Complete**

Considerations for Form Completion

Principal Executive Officer

First Name: Greg
 Last Name: Meszaros

Title: Director

Telephone: 512-972-0101

No Data Indicator (NODI)

Form NODI: --

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	Units				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	6.9				=	6.9					19 - mg/L	0	17/30 - 17 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	=	7.4				=	7.4	=	8.2		12 - SU	0	28/30 - 28 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	=	13.5			26 - lb/d	=	7.8	=	14.9		19 - mg/L	1	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															
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	15			26 - lb/d	=	9	=	41.1		19 - mg/L	4	07/30 - 7 Times Every Month	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															
	Flow, in conduit	1 - Effluent			Sample	=	0.2	=	0.26	03 - MGD								29/30 - 29 Per Month	TM - TOTALZ	
					Permit		.5		Req Mon	03 -								99/99 -	TM -	

50050	or thru treatment plant	Gross	0	--	Req.	<=	DAILY AV		DAILY MX	MGD							0	Continuous	TOTALZ	
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample					=	1.1		=	3.8	19 - mg/L		0	29/30 - 29 Per Month	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					<	4		=	40	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															
X 80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	18			26 - lb/d		=	10.3	=	19	19 - mg/L		2	05/30 - 5 Times Every Month	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

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	<input checked="" type="checkbox"/>
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	Quantity or Loading Sample Value 1	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	<input checked="" type="checkbox"/>
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	<input checked="" type="checkbox"/>
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	<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

Ecoli: Units reported in MPN/100 mL, not CFU/100 mL. Dessau WWTP was not discharging on 8/27/15 or 8/28/15. The TSS 7 day average for the week of 7/26/15 - 8/1/15 exceeded the permitted average of 25 mg/L. The NH3-N sample from 8/18/15 had a result of 41.1 mg/L, which exceeds the permitted daily max of 10 mg/L. The NH3-N sample from 8/21/15 had a result of 11.4 mg/L, which exceeds the permitted daily max of 10 mg/L. The CBOD 7 day average for 8/16/15 through 8/22/15 of 19.0 mg/L exceeds the permitted 7 day average of 15 mg/L. The TSS sample from 8/18/15 was given the result of Laboratory Error (LE) due to the refrigerator temperature going out of the acceptable range. The permitted 7 day average for NH3-N of 6 mg/L was exceeded for the week of 8/16/15 to 8/22/15. The permitted monthly NH3-N average of 3 mg/L was exceeded for the month. The permitted monthly CBOD average of 10 mg/L was exceeded for the month. The permitted monthly NH3-N average of 13 lbs/Day was exceeded for the month.

Attachments

No attachments.

Report Last Saved By

AUSTIN, CITY OF

User: jane.burazer@austintexas.gov
 Name: Jane Burazer

Date/Time: 2015-09-15 18:17 (Time Zone: -05:00)

E-Mail: jane.burazer@austintexas.gov