

**National Pollutant Discharge Elimination System (NPDES)
Oklahoma Department of Environmental Quality Discharge Monitoring Report (DMR)**

PERMITTEE NAME: Broken Arrow, City of
MAILING ADDRESS: NESESES11T17NR14ENM
Broken Arrow, OK 74013
FACILITY: Broken Arrow WWTP
LOCATION: NESESES11T17NR14ENM
Broken Arrow, OK 74013

PERMIT NUMBER: OK0040053
MONITORING POINT: 001A

COUNTY:

Tulsa

Monitoring Period: 2018-03-01 to: 2018-03-31

NO DISCHARGE FROM SITE:

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Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
BOD, 5-DAY (20 DEG. C)	Sample	265.12	*****	26	*****	6.76	8.4	19	0	Five Per Week	CONP12
PARAM CODE: 00310	Measurement										
Stage Code: 1	Permit	2001.6	*****	lbs/day	*****	30	45	mg/l		Five Per Week	CONP12
Effluent Gross	Requirement	Monthly Average				Monthly Average	Weekly Average				
PH	Sample	*****	*****		7.0	*****	7.8		0	Daily	GRAB
PARAM CODE: 00400	Measurement							12		Daily	GRAB
Stage Code: 1	Permit	*****	*****		6.5	*****	9.0	S.U.		Daily	GRAB
Effluent Gross	Requirement				Minimum		Maximum				
SOLIDS, TOTAL SUSPENDED	Sample	105.20	*****	26	*****	2.62	3.60		0	Five Per Week	CONP12
PARAM CODE: 00530	Measurement										
Stage Code: 1	Permit	2001.6	*****	lbs/day	*****	30	45	mg/l		Five Per Week	CONP12
Effluent Gross	Requirement	Monthly Average				Monthly Average	Weekly Average				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	Sample	4.751	7.520	03	*****	*****	*****		0	Daily	TOTALZ
PARAM CODE: 50050	Measurement										
Stage Code: 1	Permit	Report	Report		*****	*****	*****			Daily	TOTALZ
Effluent Gross	Requirement	Monthly Average	Maximum Daily								
CHLORINE, TOTAL RESIDUAL	Sample	*****	*****		*****	*****	< 0.03		0	Daily	GRAB
PARAM CODE: 50060	Measurement							19		Daily	GRAB
Stage Code: A	Permit	*****	*****		*****	*****	0.099	mg/l		Daily	GRAB
Disinfection, Process Complete	Requirement						Instantaneous Maximum				
E.COLI	Sample	*****	*****		*****	27.3	> 2419		1	Weekly	GRAB
PARAM CODE: 51040	Measurement							30		Weekly	GRAB
Stage Code: 1	Permit	*****	*****		*****	630	2030	MPN/100mL		Weekly	GRAB
Effluent Gross	Requirement					Geometric Mean	Maximum Daily				
SOLIDS, TOTAL DISSOLVED-180 DEG. C	Sample	27210	*****	26	*****	558	558		0	Monthly	CONP12
PARAM CODE: 70300	Measurement										
Stage Code: 1	Permit	77929	*****	lbs/day	*****	1168	1168	mg/l		Monthly	CONP12
Effluent Gross	Requirement	Monthly Average				Monthly Average	Maximum Daily				
IF ANY VIOLATION OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY KNOWLEDGE OF THE PERSON OR PERSONS WHO MANAGED THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.											
Name Title of Principal Executive Officer Or Authorized Agent						Signature of Principal Executive Officer Or Authorized Agent					
WWTP Mgr.						David Handy					
						918-455-4762					
						2018-04-13					

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average				
MERCURY, TOTAL (AS HG)	Sample Measurement	0.0024	*****	26	*****	< 0.05		0	Monthly	COMP12
PARAM CODE: 71900	Permit Requirement	0.0635	*****	lbs/day	*****	0.952	1.9	28	Monthly	COMP12
Stage Code: 1										
Effluent Gross										
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSIST THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY KNOWLEDGE OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.										
Name/Title of Principal Executive Officer Or Authorized Agent WWTP Mgr.							Signature of Principal Executive Officer Or Authorized Agent David Handy		Telephone No 918-455-4762	Date (MM/DD/YY) 2018-04-13

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

GENERAL REPORT COMMENT:

On Tuesday March 27, 2018, the facility experienced a rain event of 1.51 inches. Stormwater ran into sampling stream due to construction project. E. Coli grab sample was pulled during this time.