

NPDES PERMIT NO.: NC0047384

PERMIT VERSION: 4.0

PERMIT STATUS: Expired

FACILITY NAME: T.Z. Osborne WWTP

CLASS: WW-4.

COUNTY: Guilford

OWNER NAME: City of Greensboro

ORC: Bradley Todd Flynt

ORC CERT NUMBER: 27171

GRADE: WW-4.

ORC HAS CHANGED: No

eDMR PERIOD: 01-2021 (January 2021)

VERSION: 1.0

STATUS: Submitted

SAMPLING LOCATION: EFFLUENT DISCHARGE NO.: 001 NO DISCHARGE*: NO

Date	Composite Sample Time	Total Composite Time	Operator Arrival Time	Operator Time On Site	ORC On Site***	No Reporting Reason****	50050	00010	00400	50060	CO610	CO530	31616	00300	CO600		
							Continuous	5 X week	5 X week	5 X week	5 X week	2 X week	2 X week	5 X week	Weekly		
							Recorder	Grab	Grab	Grab	Composite	Composite	Grab	Grab	Composite		
							FLOW	TEMP-C	pH	CHLORINE	NH3-N - Conc	TSS - Conc	FCOLI BR	DO	TOTAL N -		
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N												
1		24	7	24	Y		34.25	H	H	H	H	H	H	H	H	H	H
2		24	7	24	B		36.58										
3		24	7	24	B		42.41										
4		24	7	24	Y		37.92	18.1	7.4	< 14	0.242		1		8.99		
5		24	7	24	Y		36.38	17.7	7.4	< 14	< 0.1	< 1.67	4.1		9.13		
6		24	7	24	Y		34.4	17.7	7.5	< 14	< 0.1		2		9.18	4.91	
7		24	7	24	Y		35.9	17.8	7.6	< 14	0.601	< 2.5	2		9.06		
8		24	7	24	Y		35.59	18.4	7.6	< 14	2	< 2.5	1		9.04		
9		24	7	24	B		36.51										
10		24	7	24	B		34.52										
11		24	7	24	Y		33.64	17.5	7.5	< 14	0.242	< 2.5	3.8		9.2		
12		24	7	24	Y		35.13	17.7	7.5	< 14	0.124	< 2.5	4.1		9.22		
13		24	7	24	Y		33.56	16.6	7.6	< 14	< 0.1	< 2.5	22.8		9.34	3.29	
14		24	7	24	B		33.49	17.7	7.7	< 14	< 0.1	< 2.5	2		9.23		
15		24	7	24	B		34.29	18	7.7	< 14	< 0.1	< 2.5	34.5		9.08		
16		24	7	24	B		33.38										
17		24	7	24	B		32.95										
18		24	7	24	B		32.44	H	H	H	H	H	H	H	H	H	H
19		24	7	24	Y		32.79	17.8	7.6	< 14	0.108	< 2.5	2		9.18		
20		24	7	24	Y		30.74	17.6	7.6	< 14	0.331		3		9.04	3.6	
21		24	7	24	Y		35.84	18.4	7.6	< 14	0.708	< 2.5	1		9.09		
22		24	7	24	Y		34.04	18.2	7.6	< 14	0.488				9.11		
23		24	7	24	B		32.7										
24		24	7	24	B		30.38										
25		24	7	24	Y		32.96	18.5	7.6	< 14	0.253	4.85	1		9.02		
26		24	7	24	Y		39.94	18.1	7.6	< 14	0.124	< 2.5	3.1		9.17	4	
27		24	7	24	Y		34.51	17.5	7.6	< 14	0.232		365.4		9.27		
28		24	7	24	Y		44.99	17.9	7.6	< 14	0.141	2.8	7.5		9.34		
29		24	7	24	Y		37.72	15.3	7.6	< 14	0.208				10.05		
30		24	7	24	B		37.27										
31		24	7	24	B		45.65										
Monthly Average Limit:							40				4	30	200				
Monthly Average:							35.576452	17.710526		0	0.305368	0.588462	4.041672	9.196842	3.95		
Daily Maximum:							45.65	18.5	7.7	0	2	4.85	365.4	10.05	4.91		
Daily Minimum:							30.38	15.3	7.4	0	0	0	1	8.99	3.29		

**** No Reporting Reason: ENFRUSE = No Flow-Reuse/Recycle; ENVWTHR = No Visitation - Adverse Weather; NOFLOW = No Flow; HOLIDAY = No Visitation - Holiday

NPDES PERMIT NO.: NC0047384
 FACILITY NAME: T.Z. Osborne WWTP
 OWNER NAME: City of Greensboro
 GRADE: WW-4
 eDMR PERIOD: 01-2021 (January 2021)

PERMIT VERSION: 4.0
 CLASS: WW-4
 ORC: Bradley Todd Flynt
 ORC HAS CHANGED: No
 VERSION: 1.0

PERMIT STATUS: Expired
 COUNTY: Guilford
 ORC CERT NUMBER: 27171
 STATUS: Submitted

SAMPLING LOCATION: EFFLUENT DISCHARGE NO.: 001 NO DISCHARGE*: NO (Continue)

Date	Composite Sample Time	Total Composite Time	Operator Arrival Time	Operator Time On Site	ORC On Site**	No Reporting Reason****	QM600	QY600	QY665	QM665	CO665	80082	01042	00630	00625	TGP3B	01147		
							Monthly	Annually	Annually	Monthly	Weekly	2 X week	Quarterly	Weekly	Weekly	Quarterly	Monthly		
							Calculated	Calculated	Calculated	Calculated	Composite	Composite	Composite	Composite	Composite	Composite	Composite		
							TOTAL N -	TOTAL N -	Total P - Qty	Total P - Qty	TOTAL P -	CBOD 20C	COPPER	NO2&NO3	TOT KJEL	CERI7DPF	Se-TOTAL		
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N		lb/mon	lbs/yr	lbs/yr	lb/mon	mg/l	mg/l	ug/l	mg/l	mg/l	pass/fail	ug/l		
1		24	7	24	Y						H	H	H	H	H		H		
2		24	7	24	B														
3		24	7	24	B														
4		24	7	24	Y						< 2								
5		24	7	24	Y						< 2								
6		24	7	24	Y					0.201	< 2		3.11	1.8					
7		24	7	24	Y						< 2								
8		24	7	24	Y														
9		24	7	24	B														
10		24	7	24	B														
11		24	7	24	Y						< 2								
12		24	7	24	Y						< 2								
13		24	7	24	Y					1.53			1.27	2.02					
14		24	7	24	B						< 2								
15		24	7	24	B														
16		24	7	24	B														
17		24	7	24	B														
18		24	7	24	B					H	H	H	H	H			H		
19		24	7	24	Y					0.255									
20		24	7	24	Y						< 2		0.8	2.8					
21		24	7	24	Y														
22		24	7	24	Y							2.38							
23		24	7	24	B														
24		24	7	24	B														
25		24	7	24	Y							3.02							
26		24	7	24	Y						2.13	< 2	0.94	3.06	0		< 1		
27		24	7	24	Y														
28		24	7	24	Y					0.5	< 2								
29		24	7	24	Y														
30		24	7	24	B														
31		24	7	24	B		36332.8347			5721									
Monthly Average Limit:												8						5.2	
Monthly Average:							36332.8347			5721	0.6215	0.6275	0	1.53	2.42	0		0	0
Daily Maximum:							36332.8347			5721	1.53	3.02	0	3.11	3.06	0		0	
Daily Minimum:							36332.8347			5721	0.201	0	0	0.8	1.8	0		0	

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VERSION: 1.0

STATUS: Submitted

SAMPLING LOCATION: EFFLUENT DISCHARGE NO.: 001 NO DISCHARGE*: NO (Continue)

Date	Composite Sample Time	Total Composite Time	Operator Arrival Time	Operator Time On Site	ORC On Site?*	No Reporting Reason***	01092	82388	01097	01002	01012	01027	01034	01037	00720	00900	01051						
							Quarterly																
							Composite	Grab	Composite	Composite	Composite	Composite	Composite	Composite	Grab	Composite	Composite						
							ZINC	14DIOXAN	ANTIMONY	As-TOTAL	BERYLIUM	CADMIUM	Cr-TOTAL	COBALT	CN-TOT	TOT HARD	LEAD						
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	ug/l						
1		24	7	24	Y		H		H	H	H	H	H	H	H		H						
2		24	7	24	B																		
3		24	7	24	B																		
4		24	7	24	Y																		
5		24	7	24	Y																		
6		24	7	24	Y																		
7		24	7	24	Y																		
8		24	7	24	Y			4.13															
9		24	7	24	B																		
10		24	7	24	B																		
11		24	7	24	Y																		
12		24	7	24	Y																		
13		24	7	24	Y																		
14		24	7	24	B																		
15		24	7	24	B			19.55															
16		24	7	24	B																		
17		24	7	24	B																		
18		24	7	24	B		H		H	H	H	H	H	H	H		H						
19		24	7	24	Y																		
20		24	7	24	Y																		
21		24	7	24	Y																		
22		24	7	24	Y			29.9															
23		24	7	24	B																		
24		24	7	24	B																		
25		24	7	24	Y																		
26		24	7	24	Y		45	65.35	1.1	< 2	< 0.5	< 0.15	2	< 2	< 20	84	< 0.5						
27		24	7	24	Y																		
28		24	7	24	Y																		
29		24	7	24	Y			66.95															
30		24	7	24	B																		
31		24	7	24	B																		
Monthly Average Limit:																							
Monthly Average:							45	37.176	1.1	0	0	0	2	0	0	0	84	0					
Daily Maximum:							45	66.95	1.1	0	0	0	2	0	0	84	0						
Daily Minimum:							45	4.13	1.1	0	0	0	2	0	0	84	0						

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COUNTY: Guilford

OWNER NAME: City of Greensboro

ORC: Bradley Todd Flynt

ORC CERT NUMBER: 27171

GRADE: WW-4.

ORC HAS CHANGED: No

eDMR PERIOD: 01-2021 (January 2021)

VERSION: 1.0

STATUS: Submitted

SAMPLING LOCATION: EFFLUENT DISCHARGE NO.: 001 NO DISCHARGE*: NO (Continue)

Date	Composite Sample Time		Operator Arrival Time		Operator Time On Site	ORC On Site***	No Reporting Reason****	COMER	01067	01077	01059	01102	01152	01087
	2400 clock	Hrs	2400 clock	Hrs				Y/B/N	Grab	Composite	Composite	Composite	Composite	Composite
							MERCURY - Conc	NICKEL	SILVER	THALLIUM	TIN	TITANIUM	VANADIUM	
							ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
1		24	7	24	Y		H	H	H	H	H	H	H	
2		24	7	24	B									
3		24	7	24	B									
4		24	7	24	Y									
5		24	7	24	Y									
6		24	7	24	Y									
7		24	7	24	Y									
8		24	7	24	Y									
9		24	7	24	B									
10		24	7	24	B									
11		24	7	24	Y									
12		24	7	24	Y									
13		24	7	24	Y									
14		24	7	24	B									
15		24	7	24	B									
16		24	7	24	B									
17		24	7	24	B									
18		24	7	24	B		H	H	H	H	H	H	H	
19		24	7	24	Y									
20		24	7	24	Y									
21		24	7	24	Y									
22		24	7	24	Y									
23		24	7	24	B									
24		24	7	24	B									
25		24	7	24	Y									
26		24	7	24	Y			6.4	< 0.5		< 25	< 5	< 5	
27		24	7	24	Y		< 0.001							
28		24	7	24	Y									
29		24	7	24	Y									
30		24	7	24	B									
31		24	7	24	B									
Monthly Average Limit:														
Monthly Average:								0	6.4	0		0	0	0
Daily Maximum:								0	6.4	0		0	0	0
Daily Minimum:								0	6.4	0		0	0	0

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NPDES PERMIT NO.: NC0047384

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PERMIT STATUS: Expired

FACILITY NAME: T.Z. Osborne WWTP

CLASS: WW-4.

COUNTY: Guilford

OWNER NAME: City of Greensboro

ORC: Bradley Todd Flynt

ORC CERT NUMBER: 27171

GRADE: WW-4.

ORC HAS CHANGED: No

eDMR PERIOD: 01-2021 (January 2021)

VERSION: 1.0

STATUS: Submitted

SAMPLING LOCATION: INFLUENT DISCHARGE NO.: 001

Date	Composite Sample Time	Total Composite Time	No Reporting Reason****	CO530	80082	CO610	CO665	80091	81011
				2 X week	2 X week				
				Composite	Composite	Composite	Composite	Composite	Composite
				TSS - Conc	CBOD 20C	NH3-N - Conc	TOTAL P - Conc	CBOD5-%R	TSS-%R
	2400	Hrs		mg/l	mg/l	mg/l	mg/l	percent	percent
1		24		H	H	H	H		
2		24							
3		24							
4		24			226	13.68			
5		24		389	222	14.1			
6		24			222	19.03	9.84		
7		24		476	337	19.31			
8		24		404		23.09			
9		24							
10		24							
11		24		383	365	19.26			
12		24		464	289	15.35			
13		24		382		18.04	14		
14		24		289	392	23.76			
15		24		309		23.64			
16		24							
17		24							
18		24		H	H	H	H		
19		24		399		20.15	6.4		
20		24			376	24.07			
21		24		242		22.41			
22		24			415	24.27			
23		24							
24		24							
25		24		343	349	21.18			
26		24		391	288	17.99			
27		24				23.73			
28		24		268	421	22.19	7.89		
29		24				19.53			
30		24							
31		24						99.806981	99.838587
Monthly Average Limit:									
Monthly Average:				364.538462	325.166667	20.251579	9.5325	99.806981	99.838587
Daily Maximum:				476	421	24.27	14	99.806981	99.838587
Daily Minimum:				242	222	13.68	6.4	99.806981	99.838587

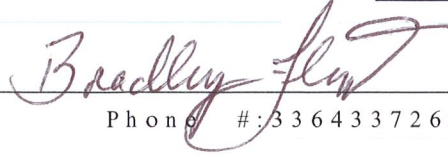
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NPDES PERMIT NO.: NC0047384
FACILITY NAME: T.Z. Osborne WWTP
OWNER NAME: City of Greensboro
GRADE: WW-4
eDMR PERIOD: 01-2021 (January 2021)
COMPLIANCE STATUS: Compliant

PERMIT VERSION: 4.0
CLASS: WW-4
ORC: Bradley Todd Flynt
ORC HAS CHANGED: No
VERSION: 1.0
CONTACT PHONE #: 433-7262

PERMIT STATUS: Expired
COUNTY: Guilford
ORC CERT NUMBER: 27171
STATUS: Submitted
SUBMISSION DATE: 02/25/2021

Electronically Certified by Bradley Todd Flynt on 2021-02-23 15:11:59.644



ORC / Certifier Signature: Bradley Todd Flynt

Phone #: 3364337262

Date

I certify that this report is accurate and complete to the best of my knowledge.

The permittee shall report to the Director or the appropriate Regional Office any noncompliance that potentially threatens public health or the environment. Any information shall be provided orally within 24 hours from the time the permittee became aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall be made as required by part II.E.6 of the NPDES permit.

Electronically Signed by Elijah Lamont Williams on 2021-02-25 10:59:55.664



Permittee/Submitter Signature: ***Elijah Lamont Williams

Phone #: 336-373-4632

Date

Permittee Address: 2350 Huffine Mill Rd Mc Leansville NC 27301

Permit Expiration Date: 06/30/2019

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 assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry 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 fines and imprisonment for knowing violations.

CERTIFIED LABORATORIES

LAB NAME: TZO Laboratory, Meritech Labs Inc, Pace Analytical Services

CERTIFIED LAB #: #65, #165, #12

PERSON(S) COLLECTING SAMPLES: Automatic Sampler

PARAMETER CODES

Parameter Code assistance may be obtained by visiting <https://deq.nc.gov/about/divisions/water-resources/edmr/user-documentation>.

FOOTNOTES

Use only units of measurement designated in the reporting facility's NPDES permit for reporting data.

* No Flow/Discharge From Site: YES indicates that No Flow/Discharge occurred and, as a result, no data is reported for any parameter on the DMR for the entire monitoring period.

** ORC on Site?: ORC must visit facility and document visitation of facility as required per 15A NCAC 8G .0204.

*** Signature of Permittee: If signed by other than the permittee, then delegation of the signatory authority must be on file with the state per 15A NCAC 2B .0506(b)(2)(D).

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Report Comments:

Data Qualifications-CBOD: Dilution water depleted >0.20 mg/l on 1/14, 1/28; Glucose Glutamic Acid Std. out of range on 1/7, 1/11, 1/12, 1/26, 1/28; Total Phosphorus 1/13-matrix spike out of range because of high effluent value; Fecal 1/22-no pm water bath temperature recorded.