

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: 02-2022 (February 2022)

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	5 X week	5 X week	5 X week	5 X week	5 X week	Weekly
							Recorder	Grab	Grab	Grab	Composite	Composite	Grab	Grab	Composite		
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N		FLOW	TEMP-C	pH	CHLORINE	NH3-N - Conc	TSS - Conc	FCOLI BR	DO	TOTAL N -		
							mgd	deg c	su	ug/l	mg/l	mg/l	#/100ml	mg/l	mg/l		
1		24	7	24	Y		32.06	16.3	7.5	< 14	< 0.1	< 2.5	5.2	9.32			
2		24	7	24	Y		32.56	16.7	7.4	< 14	< 0.1	2.5	5.2	9.23	4.35		
3		24	7	24	Y		37.42	17.7	7.5	< 14	< 0.1	2.5	10.9	9.11			
4		24	7	24	Y		37.13	18.3	7.5	< 14	< 0.1	< 2.5	5.2	9.02			
5		24	7	24	B		36.94										
6		24	7	24	B		34.61										
7		24	7	24	Y		35.37	16.3	7.4	< 14	< 0.1	3	5.4	9.38			
8		24	7	24	Y		36.07	16.2	7.4	< 14	< 0.1	3.54	3.1	9.26			
9		24	7	24	Y		35.98	15.9	7.4	< 14	< 0.1	4.14	6.3	9.45	3.41		
10		24	7	24	Y		36.43	16.9	7.5	< 14	< 0.1	< 4.31	3.1	9.14			
11		24	7	24	Y		30.23	16.9	7.4	< 14	0.405	3.47	< 1	9.21			
12		24	7	24	B		31.88										
13		24	7	24	B		34.77										
14		24	7	24	Y		31.24	16.9	7.3	< 14	3.11	3.9	1	9.13			
15		24	7	24	Y		31.17	16.7	7.5	< 14	0.39	3.55	1	9.31			
16		24	7	24	Y		29.54	16.9	7.6	< 14	< 0.1	3.88	2	9.22	3.69		
17		24	7	24	Y		31.88	17.8	7.5	< 14	0.8	4.87	< 1	9.07			
18		24	7	24	Y		32.39	18.9	7.6	< 14	0.462	4.67	2	8.97			
19		24	7	24	B		31.88										
20		24	7	24	B		29.55										
21		24	7	24	Y		30.49	17.5	7.5	< 14	0.127	4.94	1.73	9.13			
22		24	7	24	Y		30.6	18.6	7.5	< 14	0.103	4.8	3	8.81			
23		24	7	24	Y		39.33	19.1	7.5	< 14	< 0.1	5.2	5.2	8.86	3.99		
24		24	7	24	Y		44.03	18.8	7.6	< 14	0.183	6.94	1	8.94			
25		24	7	24	Y		41.62	17.8	7.6	< 14	0.993	7	1	9.24			
26		24	7	24	B		35.75										
27		24	7	24	B		36.55										
28		24	7	24	Y		33.67	17.1	7.5	< 14	1.36	< 5	1	9.2			
Monthly Average Limit:							56				4	30	200				
Monthly Average:							34.326429	17.365		0	0.39665	3.445	2.435882	9.15	3.86		
Daily Maximum:							44.03	19.1	7.6	0	3.11	7	10.9	9.45	4.35		
Daily Minimum:							29.54	15.9	7.3	0	0	0	0	8.81	3.41		

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

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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: 02-2022 (February 2022)

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****	QM600	QY600	QM665	QY665	CO665	82388	80082	00630	00625	01147	01097	
							Monthly	Annually	Monthly	Annually	Weekly	Weekly	5 X week	Weekly	Weekly	Monthly		
							Calculated	Calculated	Calculated	Calculated	Composite	Grab	Composite	Composite	Composite	Composite	Composite	
							TOTAL N -	TOTAL N -	Total P - Qty	Total P - Qty	TOTAL P -	14DIOXAN	CBOD 20C	NO2&NO3	TOT KJEL	Se-TOTAL	ANTIMONY	
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N	lb/mon	lbs/yr	lb/mon	lbs/yr	mg/l	ug/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	
1		24	7	24	Y					0.135	1.92	< 2						
2		24	7	24	Y							< 2	1.51	2.84	< 1			
3		24	7	24	Y							< 2						
4		24	7	24	Y							2.51						
5		24	7	24	B													
6		24	7	24	B													
7		24	7	24	Y							2.05						
8		24	7	24	Y					0.189	2.58	< 2						
9		24	7	24	Y							< 2	0.84	2.57				
10		24	7	24	Y							2.21						
11		24	7	24	Y							2.34						
12		24	7	24	B													
13		24	7	24	B													
14		24	7	24	Y							2.01						
15		24	7	24	Y						4.51	< 2						
16		24	7	24	Y					0.394		< 2	1.5	2.19				
17		24	7	24	Y							< 2						
18		24	7	24	Y							2.4						
19		24	7	24	B													
20		24	7	24	B													
21		24	7	24	Y							2.56						
22		24	7	24	Y					0.356	2.7	2.03						
23		24	7	24	Y							2.54	0.98	3.01				
24		24	7	24	Y							2.97						
25		24	7	24	Y							3.37						
26		24	7	24	B													
27		24	7	24	B													
28		24	7	24	Y		30940.1156		2156				2.66					
Monthly Average Limit:													8			5.1		
Monthly Average:							30940.1156		2156		0.2685	2.9275	1.4825	1.2075	2.6525	0		
Daily Maximum:							30940.1156		2156		0.394	4.51	3.37	1.51	3.01	0		
Daily Minimum:							30940.1156		2156		0.135	1.92	0	0.84	2.19	0		

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Date	Composite Sample Time	Total Composite Time		Operator Arrival Time		Operator Time On Site		ORC On Site**	No Reporting Reason***	01002	01012	01027	01034	01037	01042	00720	00900	01051	COMER	01067
		Hrs	2400 clock	Hrs	2400 clock	Hrs	Y/B/N			Composite	Composite	Composite	Composite	Composite	Composite	Grab	Composite	Composite	Grab	Composite
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	ug/l	ug/l	ug/l	ug/l
1	2400 clock	24	7	24	7	24	7	Y												
2		24	7	24	7	24	7	Y		< 2		< 0.15	3		6			< 0.5		13
3		24	7	24	7	24	7	Y												
4		24	7	24	7	24	7	Y												
5		24	7	24	7	24	7	B												
6		24	7	24	7	24	7	B												
7		24	7	24	7	24	7	Y												
8		24	7	24	7	24	7	Y												
9		24	7	24	7	24	7	Y												
10		24	7	24	7	24	7	Y												
11		24	7	24	7	24	7	Y												
12		24	7	24	7	24	7	B												
13		24	7	24	7	24	7	B												
14		24	7	24	7	24	7	Y											0.0032	
15		24	7	24	7	24	7	Y												
16		24	7	24	7	24	7	Y												
17		24	7	24	7	24	7	Y												
18		24	7	24	7	24	7	Y												
19		24	7	24	7	24	7	B												
20		24	7	24	7	24	7	B												
21		24	7	24	7	24	7	Y												
22		24	7	24	7	24	7	Y												
23		24	7	24	7	24	7	Y												
24		24	7	24	7	24	7	Y												
25		24	7	24	7	24	7	Y												
26		24	7	24	7	24	7	B												
27		24	7	24	7	24	7	B												
28		24	7	24	7	24	7	Y												
Monthly Average Limit:																				
Monthly Average:										0		0	3		6			0	0.0032	13
Daily Maximum:										0		0	3		6			0	0.0032	13
Daily Minimum:										0		0	3		6			0	0.0032	13

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**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****	TGP3B	01077	01059	01102	01152	01087	01092
							Composite	Composite	Composite	Composite	Composite	Composite	Composite
							CER17DPF	SILVER	THALLIUM	TIN	TITANIUM	VANADIUM	ZINC
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N	pass/fail	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1		24	7	24	Y								
2		24	7	24	Y			< 0.5					98
3		24	7	24	Y								
4		24	7	24	Y								
5		24	7	24	B								
6		24	7	24	B								
7		24	7	24	Y								
8		24	7	24	Y								
9		24	7	24	Y								
10		24	7	24	Y								
11		24	7	24	Y								
12		24	7	24	B								
13		24	7	24	B								
14		24	7	24	Y								
15		24	7	24	Y								
16		24	7	24	Y								
17		24	7	24	Y								
18		24	7	24	Y								
19		24	7	24	B								
20		24	7	24	B								
21		24	7	24	Y								
22		24	7	24	Y								
23		24	7	24	Y								
24		24	7	24	Y								
25		24	7	24	Y								
26		24	7	24	B								
27		24	7	24	B								
28		24	7	24	Y								
Monthly Average Limit:													
Monthly Average:								0					98
Daily Maximum:								0					98
Daily Minimum:								0					98

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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: 02-2022 (February 2022)

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
				5 X week	5 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		232	395	21.2	7.1		
2		24		300	476	22.9			
3		24		264	439	23.5			
4		24		245	333	14.3			
5		24							
6		24							
7		24		219	288	17.2			
8		24		217	322	14.1	5.45		
9		24		245	364	19.2			
10		24		272	386	21.6			
11		24		244	492	22.6			
12		24							
13		24							
14		24		178	353	19.7			
15		24		246	365	23.5			
16		24		249	447	23.9	7.82		
17		24		259	451	23.5			
18		24		265	419	22.8			
19		24							
20		24							
21		24		255	359	24.1			
22		24		349	391	20.8	11.4		
23		24		376	469	22.9			
24		24		293	362	19.7			
25		24		489	443	18.9			
26		24							
27		24							
28		24		226	243	18.8		99.62	98.73
Monthly Average Limit:									
Monthly Average:				271.15	389.85	20.76	7.9425	99.62	98.73
Daily Maximum:				489	492	24.1	11.4	99.62	98.73
Daily Minimum:				178	243	14.1	5.45	99.62	98.73

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FACILITY NAME: T.Z. Osborne WWTP  
OWNER NAME: City of Greensboro  
GRADE: WW-4  
eDMR PERIOD: 02-2022 (February 2022)  
COMPLIANCE STATUS: Compliant

PERMIT VERSION: 4.0  
CLASS: WW-4  
ORC: Bradley Todd Flynt  
ORC HAS CHANGED: No  
VERSION: 1.0  
CONTACT PHONE #: 4337262

PERMIT STATUS: Expired  
COUNTY: Guilford  
ORC CERT NUMBER: 27171  
STATUS: Submitted  
SUBMISSION DATE: 03/24/2022

Electronically Certified by Bradley Todd Flynt on 2022-03-24 08:42:27.97

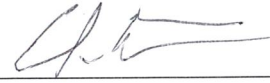


ORC / Certifier Signature: Bradley Todd Flynt Phone #: 3364337262 Date

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 2022-03-24 09:09:11.9



Permittee/Submitter Signature: \*\*\*Elijah Lamont Williams Phone #: 336-373-4632 Date

Permittee Address: 2350 Huffin Mill Rd Mc Leansville NC 273019304

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: On 2/2, the TZO Effluent RPD was 41.3%, but both values were <PQL of 2.0 mg/l (1.23, 1.87).