

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: 01-2022 (January 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	QM600			
		2400 clock	Hrs	2400 clock	Hrs				Y/B/N	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	Monthly
		Recorder	Grab	Grab	Grab				Composite	Composite	Grab	Grab	Calculated							
									FLOW	TEMP-C	pH	CHLORINE	NH3-N - Conc	TSS - Conc	FCOLIBR	DO	TOTAL N - Qty			
									mgd	deg c	su	ug/l	mg/l	mg/l	#/100ml	mg/l	lb/mon			
1		24	7	24	B				26.33											
2		24	7	24	B				33.09											
3		24	7	24	Y				58.2	19.7	7.4	< 14	< 0.1	< 2.5	6.3	8.87				
4		24	7	24	Y				40.27	16.9	7.3	< 14	< 0.1	2.7	< 1	9.41				
5		24	7	24	Y				37.67	17.8	7.5	< 14	< 0.1	3.1	1	9.21				
6		24	7	24	Y				32.89	18.3	7.6	< 14	< 0.1	< 2.5	8.5	9.13				
7		24	7	24	Y				31.05	17.8	7.6	< 14	< 0.1	< 2.5	3.1	8.88				
8		24	7	24	B				29.89											
9		24	7	24	B				32.55											
10		24	7	24	Y				34.97	18.9	7.6	< 14	< 0.1	< 2.5	1	9.03				
11		24	7	24	Y				30.61	17.8	7.5	< 14	< 0.1	< 2.5	< 1	9.32				
12		24	7	24	Y				30.67	17.9	7.6	< 14	< 0.1	< 2.5	14.6	9.27				
13		24	7	24	Y				30.5	18.1	7.6	< 14	< 0.1	< 2.5	79.4	9.13				
14		24	7	24	Y				32.86	18.8	7.6	< 14	< 0.1	2.5	117.8	8.76				
15		24	7	24	B				30.4											
16		24	7	24	B				28.46											
17		24	7	24	Y				29.75	H	H	H	H	H	H	H				
18		24	7	24	B				32.07	H	H	H	H	H	H	H				
19		24	7	24	Y				34.56	16.8	7.5	< 14	< 0.1	< 2.5	13.5	9.2				
20		24	7	24	Y				39.98	17.7	7.6	< 14	0.12	2.6	> 2419.6	9.52				
21		24	7	24	Y				34.86	16.9	7.6	< 14	< 0.1	< 2.5	344.8	9.32				
22		24	7	24	B				32.73											
23		24	7	24	B				32.32											
24		24	7	24	Y				34.2	16.5	7.5	< 14	< 0.1	< 2.5	1.4	9.34				
25		24	7	24	Y				33.33	16.2	7.4	< 14	< 0.1	< 2.5	2	9.43				
26		24	7	24	Y				32.23	16.7	7.5	< 14	0.276	3.25	3.1	9.09				
27		24	7	24	Y				32	16	7.6	< 14	0.253	< 2.5	< 1	9.19				
28		24	7	24	Y				33.48	17.3	7.6	< 14	1.38	2.8	6.3	9.17				
29		24	7	24	B				30.97											
30		24	7	24	B				32.29											
31		24	7	24	Y				32.22	16.3	7.7	22	< 0.1	< 2.5	42.4	9.24	43086.54168			
Monthly Average Limit:									56				4	30	200					
Monthly Average:									33.464516	17.494737		1.157895	0.106789	0.892105	8.617569	9.184737	43086.54168			
Daily Maximum:									58.2	19.7	7.7	22	1.38	3.25	2419.6	9.52	43086.54168			
Daily Minimum:									26.33	16	7.3	0	0	0	0	8.76	43086.54168			

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

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: 01-2022 (January 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****	CO600	QY600	QM665	QY665	CO665	82388	80082	01042	00630	00625	TGP3B	
							Weekly	Annually	Monthly	Annually	Weekly	Weekly	5 X week	Quarterly	Weekly	Weekly	Quarterly	
							Composite	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	COPPER	NO2&NO3	TOT KJEL	CER17DPF	
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N	mg/l	lbs/yr	lb/mon	lbs/yr	mg/l	ug/l	mg/l	ug/l	mg/l	mg/l	mg/l	pass/fail	
1		24	7	24	B													
2		24	7	24	B													
3		24	7	24	Y								3.83					
4		24	7	24	Y					0.22	1.54	< 2						
5		24	7	24	Y		3.63					< 2		1.73	1.9			
6		24	7	24	Y							< 2						
7		24	7	24	Y							< 2						
8		24	7	24	B													
9		24	7	24	B													
10		24	7	24	Y							< 2						
11		24	7	24	Y		4.57			0.191	3.03	< 2	2.6	2.63	1.94	0		
12		24	7	24	Y							< 2						
13		24	7	24	Y							2.02						
14		24	7	24	Y							< 2						
15		24	7	24	B													
16		24	7	24	B													
17		24	7	24	Y		H			H		H	H	H	H			
18		24	7	24	B		H			H		H	H	H	H			
19		24	7	24	Y		6.42			0.306	2.93	< 2		4.46	1.96			
20		24	7	24	Y							< 2						
21		24	7	24	Y							3.04						
22		24	7	24	B													
23		24	7	24	B													
24		24	7	24	Y							< 2						
25		24	7	24	Y					0.406	2.73	< 2						
26		24	7	24	Y		5.28					< 2		2.47	2.81			
27		24	7	24	Y							2.07						
28		24	7	24	Y							2.22						
29		24	7	24	B													
30		24	7	24	B													
31		24	7	24	Y				2431				2.55					
Monthly Average Limit:													8					
Monthly Average:							4.975		2431		0.28075	2.5575	0.827895	2.6	2.8225	2.1525	0	
Daily Maximum:							6.42		2431		0.406	3.03	3.83	2.6	4.46	2.81	0	
Daily Minimum:							3.63		2431		0.191	1.54	0	2.6	1.73	1.9	0	

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

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: 01-2022 (January 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****	01147	01092	01097	01002	01012	01027	01034	01037	00720	00900	01051					
							Monthly	Quarterly														
							Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Grab	Composite	Composite	
							Se-TOTAL	ZINC	ANTIMONY	As-TOTAL	BERYLIUM	CADMIUM	Cr-TOTAL	COBALT	CN-TOT	TOT HARD	LEAD					
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N																	
1		24	7	24	B																	
2		24	7	24	B																	
3		24	7	24	Y																	
4		24	7	24	Y																	
5		24	7	24	Y																	
6		24	7	24	Y																	
7		24	7	24	Y																	
8		24	7	24	B																	
9		24	7	24	B																	
10		24	7	24	Y																	
11		24	7	24	Y		< 1	46	1.2	< 2	< 0.5	< 0.15	< 2	< 2	< 20	68	< 0.5					
12		24	7	24	Y																	
13		24	7	24	Y																	
14		24	7	24	Y																	
15		24	7	24	B																	
16		24	7	24	B																	
17		24	7	24	Y		H	H	H	H	H	H	H	H	H	H	H	H	H			
18		24	7	24	B		H	H	H	H	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	B																	
23		24	7	24	B																	
24		24	7	24	Y																	
25		24	7	24	Y																	
26		24	7	24	Y																	
27		24	7	24	Y																	
28		24	7	24	Y																	
29		24	7	24	B																	
30		24	7	24	B																	
31		24	7	24	Y																	
Monthly Average Limit:							5.1															
Monthly Average:							0	46	1.2	0	0	0	0	0	0	0	68	0				
Daily Maximum:							0	46	1.2	0	0	0	0	0	0	68	0					
Daily Minimum:							0	46	1.2	0	0	0	0	0	0	68	0					

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

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: 01-2022 (January 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***	COMER	01067	01077	01059	01102	01152	01087		
		Hrs	2400 clock	Hrs	2400 clock				Hrs	Y/B/N	Grab	Composite	Composite	Composite	Composite	Composite	Composite
		ug/l	ug/l	ug/l	ug/l				ug/l	ug/l	MERCURY - Conc	NICKEL	SILVER	THALLIUM	TIN	TITANIUM	VANADIUM
1	2400 clock	24	7	24	7	24	B										
2	2400 clock	24	7	24	7	24	B										
3	2400 clock	24	7	24	7	24	Y										
4	2400 clock	24	7	24	7	24	Y										
5	2400 clock	24	7	24	7	24	Y										
6	2400 clock	24	7	24	7	24	Y										
7	2400 clock	24	7	24	7	24	Y										
8	2400 clock	24	7	24	7	24	B										
9	2400 clock	24	7	24	7	24	B										
10	2400 clock	24	7	24	7	24	Y										
11	2400 clock	24	7	24	7	24	Y		8.7	< 0.5			< 25	< 5	< 5		
12	2400 clock	24	7	24	7	24	Y										
13	2400 clock	24	7	24	7	24	Y										
14	2400 clock	24	7	24	7	24	Y										
15	2400 clock	24	7	24	7	24	B										
16	2400 clock	24	7	24	7	24	B										
17	2400 clock	24	7	24	7	24	Y	H	H	H	H	H	H	H	H		
18	2400 clock	24	7	24	7	24	B	H	H	H	H	H	H	H	H		
19	2400 clock	24	7	24	7	24	Y										
20	2400 clock	24	7	24	7	24	Y										
21	2400 clock	24	7	24	7	24	Y										
22	2400 clock	24	7	24	7	24	B										
23	2400 clock	24	7	24	7	24	B										
24	2400 clock	24	7	24	7	24	Y										
25	2400 clock	24	7	24	7	24	Y										
26	2400 clock	24	7	24	7	24	Y										
27	2400 clock	24	7	24	7	24	Y										
28	2400 clock	24	7	24	7	24	Y										
29	2400 clock	24	7	24	7	24	B										
30	2400 clock	24	7	24	7	24	B										
31	2400 clock	24	7	24	7	24	Y		0.0014								
Monthly Average Limit:																	
Monthly Average:									0.0014	8.7	0		0	0	0		
Daily Maximum:									0.0014	8.7	0		0	0	0		
Daily Minimum:									0.0014	8.7	0		0	0	0		

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

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: 01-2022 (January 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							
2		24							
3		24		279	334	16.36			
4		24		340	238	8.95	5		
5		24		237	263	13.38			
6		24		190	325	15.12			
7		24		231	309	17.43			
8		24							
9		24							
10		24		189	301	17.37			
11		24		217	301	16.13	6.08		
12		24		266	528	21.97			
13		24		234	408	23.66			
14		24		230	429	23.42			
15		24							
16		24							
17		24		H	H	H	H		
18		24		H	H	H	H		
19		24		262	349	25.58	5.41		
20		24		251	432	21.96			
21		24		196	317	18.29			
22		24							
23		24							
24		24		223	345	17.73			
25		24		245	299	17.37	5.8		
26		24		273	396	22			
27		24		236	493	24.57			
28		24		237	482	22.97			
29		24							
30		24							
31		24		245	378	19.03		99.772869	99.630097
Monthly Average Limit:									
Monthly Average:				241.105263	364.578947	19.120526	5.5725	99.772869	99.630097
Daily Maximum:				340	528	25.58	6.08	99.772869	99.630097
Daily Minimum:				189	238	8.95	5	99.772869	99.630097

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

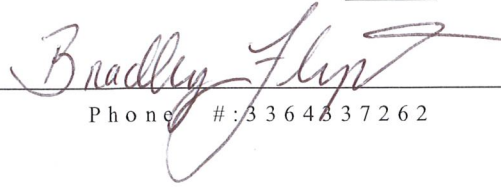
NPDES PERMIT NO.: NC0047384  
FACILITY NAME: T.Z. Osborne WWTP  
OWNER NAME: City of Greensboro  
GRADE: WW-4  
eDMR PERIOD: 01-2022 (January 2022)  
COMPLIANCE STATUS: Compliant

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: 02/28/2022

Electronically Certified by Bradley Todd Flynt on 2022-02-25 08:57:45.113

ORC / Certifier Signature: Bradley Todd Flynt



Phone #: 3364837262

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 2022-02-28 07:28:55.497

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).

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: 01-2022 (January 2022)

VERSION: 1.0

STATUS: Submitted

**Report Comments:**

Data Qualifications-CBOD: Glucose/Glutamic Acid standard out of range on 1/24; Dilution water depleted > 0.20 mg/l on 1/11, 1/12, 1/28, 1/31. TSS: RPD on 1/5/22 was 28.6% (even after re-run); No 5 g weight recorded 1/12-1/14. However, method blanks and LFMS were in range and 5 g weight was in range previous day. City of Greensboro was closed on 1/18 due to inclement weather and holiday was recorded on eDMR.