

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: 07-2022 (July 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	FCOLI BR	DO	TOTAL N - Qty			
									mgd	deg c	su	ug/l	mg/l	mg/l	#/100ml	mg/l	lb/mon			
1		24	7	24	Y				30.12	27.1	7.8	< 14	< 0.1	5.14	5.2	7.43				
2		24	7	24	B				28.32											
3		24	7	24	B				28.14											
4		24	7	24	B				28.16	H	H	H	H	H	H	H				
5		24	7	24	Y				29.74	27.5	7.6	< 14	0.116	4.35	3.1	7.34				
6		24	7	24	Y				32.64	27.2	7.7	< 14	< 0.1	4.74	< 1	7.41				
7		24	7	24	Y				27.22	27.3	7.8	< 14	< 0.1	4.1	3.1	7.46				
8		24	7	24	Y				30.4	27.8	7.8	< 14	< 0.1	4.53	3.1	7.36				
9		24	7	24	B				30.53											
10		24	7	24	B				29.94											
11		24	7	24	Y				29.7	26.6	7.7	< 14	< 0.1	4.4	> 2419.6	7.68				
12		24	7	24	Y				30.65	26.8	7.7	< 14	< 0.1	3.34	178.5	7.62				
13		24	7	24	Y				36.8	27.6	7.7	< 14	< 0.1	< 2.5	19.7	7.45				
14		24	7	24	Y				33.54	27.3	7.8	< 14	< 0.1	3.3	9.7	7.48				
15		24	7	24	Y				29.7	27.1	7.8	< 14	0.121	3.75	9.8	7.62				
16		24	7	24	B				31.51											
17		24	7	24	B				30.62											
18		24	7	24	Y				32.47	26.7	7.7	< 14	0.107	3.25	21.2	7.64				
19		24	7	24	Y				29.94	26.9	7.7	< 14	< 0.1	3	< 1	7.43				
20		24	7	24	Y				29.85	27.1	7.8	< 14	< 0.1	3.2	2	7.48				
21		24	7	24	Y				34.33	27.8	7.8	< 14	< 0.1	2.6	2	7.33				
22		24	7	24	Y				33.4	27.8	7.8	< 14	0.102	< 2.5	14.5	7.39				
23		24	7	24	B				30.14											
24		24	7	24	B				30.32											
25		24	7	24	Y				31.44	28.4	7.8	< 14	0.114	2.95	4.4	7.17				
26		24	7	24	Y				31.69	28.2	7.7	< 14	< 0.1	3.15	> 2419.6	7.3				
27		24	7	24	Y				29.52	27.9	7.7	< 14	< 0.1	4.1	1732.9	7.43				
28		24	7	24	Y				31.26	27.9	7.8	< 14	0.117	4.25	30.9	7.36				
29		24	7	24	Y				31.74	28.3	7.7	< 14	< 0.1	4.25	198.9	7.25				
30		24	7	24	B				29.95											
31		24	7	24	B				30.04								38182.5216			
Monthly Average Limit:									56				2	30	200					
Monthly Average:									30.768387	27.465		0	0.03385	3.42	18.285762	7.4315	38182.5216			
Daily Maximum:									36.8	28.4	7.8	0	0.121	5.14	2419.6	7.68	38182.5216			
Daily Minimum:									27.22	26.6	7.6	0	0	0	0	7.17	38182.5216			

**** 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: 07-2022 (July 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****	QY600	CO600	CO665	QM665	QY665	82388	80082	01042	00630	00625	TGP3B	
							Annually	Weekly	Weekly	Monthly	Annually	Weekly	5 X week	Quarterly	Weekly	Weekly	Quarterly	
							Calculated	Composite	Composite	Calculated	Calculated	Grab	Composite	Composite	Composite	Composite	Composite	
							TOTAL N -	TOTAL N -	TOTAL P -	Total P - Qty	Total P - Qty	14DIOXAN	CBOD 20C	COPPER	NO2&NO3	TOT KJEL	CER17DPF	
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N	lbs/yr	mg/l	mg/l	lb/mon	lbs/yr	ug/l	mg/l	ug/l	mg/l	mg/l	mg/l	pass/fail	
1		24	7	24	Y							2.08						
2		24	7	24	B													
3		24	7	24	B													
4		24	7	24	B		H	H			H	H	H	H	H	H	H	
5		24	7	24	Y						1.91	< 2						
6		24	7	24	Y		5.62					< 2		3.63	1.99			
7		24	7	24	Y			0.795				< 2						
8		24	7	24	Y							< 2						
9		24	7	24	B													
10		24	7	24	B													
11		24	7	24	Y							< 2						
12		24	7	24	Y			0.875			1.68	< 2						
13		24	7	24	Y		5.2					< 2		2.86	2.34			
14		24	7	24	Y							< 2						
15		24	7	24	Y							< 2						
16		24	7	24	B													
17		24	7	24	B													
18		24	7	24	Y							< 2						
19		24	7	24	Y		3.8	0.331			1.72	< 2	2	2.03	1.77	PASS		
20		24	7	24	Y							< 2						
21		24	7	24	Y							< 2						
22		24	7	24	Y							< 2						
23		24	7	24	B													
24		24	7	24	B													
25		24	7	24	Y							< 2						
26		24	7	24	Y			0.99			1.83	< 2						
27		24	7	24	Y		4.57					< 2		2.09	2.48			
28		24	7	24	Y							< 2						
29		24	7	24	Y							< 2						
30		24	7	24	B													
31		24	7	24	B				5950									
Monthly Average Limit:												4						
Monthly Average:								4.7975	0.74775	5950		1.785	0.104	2	2.6525	2.145		
Daily Maximum:								5.62	0.99	5950		1.91	2.08	2	3.63	2.48		
Daily Minimum:								3.8	0.331	5950		1.68	0	2	2.03	1.77		

**** 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: 07-2022 (July 2022)

VERSION: 1.0

STATUS: Submitted

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

Date	Composite Sample Time	Total Composite 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	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		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															
2		24	7	24	B															
3		24	7	24	B															
4		24	7	24	B		H	H	H	H	H	H	H	H	H	H	H	H		
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	Y															
15		24	7	24	Y															
16		24	7	24	B															
17		24	7	24	B															
18		24	7	24	Y															
19		24	7	24	Y		< 1	25	0.9	< 2	< 0.5	< 0.15	2	< 2	< 20	80	< 0.5			
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															
27		24	7	24	Y															
28		24	7	24	Y															
29		24	7	24	Y															
30		24	7	24	B															
31		24	7	24	B															
Monthly Average Limit:							5.1													
Monthly Average:							0	25	0.9	0	0	0	2	0	0	80	0			
Daily Maximum:							0	25	0.9	0	0	0	2	0	0	80	0			
Daily Minimum:							0	25	0.9	0	0	0	2	0	0	80	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
 FACILITY NAME: T.Z. Osborne WWTP
 OWNER NAME: City of Greensboro
 GRADE: WW-4
 eDMR PERIOD: 07-2022 (July 2022)

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****	COMER	01067	01077	01059	01102	01152	01087	
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N	Grab	Composite	Composite			Composite	Composite	Composite	Composite	Composite	Composite	Composite	
	MERCURY - Conc	NICKEL	SILVER	THALLIUM	TIN	TITANIUM	VANADIUM											
	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	ug/l	ug/l	ug/l	
1		24	7	24	Y													
2		24	7	24	B													
3		24	7	24	B													
4		24	7	24	B	H	H	H	H	H	H	H	H	H	H	H	H	
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	Y													
15		24	7	24	Y													
16		24	7	24	B													
17		24	7	24	B													
18		24	7	24	Y													
19		24	7	24	Y	8	< 0.5				< 25	< 5						
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	0.0023												
27		24	7	24	Y													
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:											0.0023	8	0		0	0	0	0
Daily Maximum:											0.0023	8	0		0	0	0	0
Daily Minimum:											0.0023	8	0		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: 07-2022 (July 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		358	418	27.5			
2		24							
3		24							
4		24		H	H	H	H		
5		24		348	286	20.4			
6		24		374	365	22.5	10.82		
7		24		423	394	25.9			
8		24		512	505	24			
9		24							
10		24							
11		24		395	356	23			
12		24		372	412	22.6	7.07		
13		24		559	395	24.7			
14		24		324	312	16.8			
15		24		322	421	19.1			
16		24							
17		24							
18		24		342	312	18.9			
19		24		419	358	17.7	7.01		
20		24		384	458	20.5			
21		24		364	360	21.7			
22		24		385	399	19.3			
23		24							
24		24							
25		24		317	325	19.9			
26		24		403	338	20	8.67		
27		24		408	355	20.8			
28		24		302	345	20.4			
29		24		298	407	19.7			
30		24							
31		24						99.972349	99.101192
Monthly Average Limit:									
Monthly Average:				380.45	376.05	21.27	8.3925	99.972349	99.101192
Daily Maximum:				559	505	27.5	10.82	99.972349	99.101192
Daily Minimum:				298	286	16.8	7.01	99.972349	99.101192

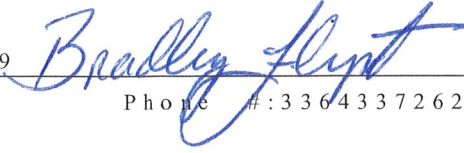
**** No Reporting Reason: ENFRUSE = No Flow-Reuse/Recycle; ENVWTHR = No Visitation - Adverse Weather; NOFLOW = No Flow; HOLIDAY = No Visitation - Holiday

NPDES PERMIT NO.: NC0047384
FACILITY NAME: T.Z. Osborne WWTP
OWNER NAME: City of Greensboro
GRADE: WW-4.
eDMR PERIOD: 07-2022 (July 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: 08/29/2022

Electronically Certified by Bradley Todd Flynt on 2022-08-24 12:01:44.589



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 2022-08-29 08:32:21.896



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
FACILITY NAME: T.Z. Osborne WWTP
OWNER NAME: City of Greensboro
GRADE: WW-4
eDMR PERIOD: 07-2022 (July 2022)

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

Report Comments:

Data Qualifications- Glucose/Glutamic Acid standard out of range on 7/5, 7/6; Double G/G added to 1 of the 3 G/G standard dilutions on 7/19-7/20, but the 2 other dilutions were in range and the 3rd was not used in the average.