

NPDES PERMIT NO.: NC0047384
 FACILITY NAME: T.Z. Osborne WWTP
 OWNER NAME: City of Greensboro
 GRADE: WW-4.
 eDMR PERIOD: 01-2023 (January 2023)

PERMIT VERSION: 4.0
 CLASS: WW-4.
 ORC: Bradley Todd Flynt
 ORC HAS CHANGED: No
 VERSION: 2.0

PERMIT STATUS: Expired
 COUNTY: Guilford
 ORC CERT NUMBER: 27171
 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	QV600		
							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	Annually
							Recorder	Grab	Grab	Grab	Composite	Composite	Grab	Grab	Calculated		
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N		mgd	deg c	su	ug/l	mg/l	mg/l	#/100ml	mg/l		lbs/yr	
1		24	7	24	B		33.8										
2		24	7	24	Y		32.94	H	H	H	H	H	H	H			
3		24	7	24	Y		34.58	19.1	7.4	< 14	<0.1	11	5.72	9.16			
4		24	7	24	Y		41.32	19.9	7.5	< 14	0.2	11.9	1	9.28			
5		24	7	24	Y		38.41	19.4	7.5	26.3	0.8	12	5.2	9.25			
6		24	7	24	Y		34.65	18.9	7.5	< 14	0.659	13.4	51.2	9.24			
7		24	7	24	B		32.88										
8		24	7	24	B		33.49										
9		24	7	24	Y		34.8	18.4	7.7	48.2	1.64	9.5	< 1	9.27			
10		24	7	24	Y		30.97	18.4	7.5	< 14	1.15	7.13	3.1	9.21			
11		24	7	24	Y		33.66	19	7.6	< 14	0.418	5.38	1	8.94			
12		24	7	24	Y		35.52	19.4	7.5	< 14	0.345	5.1	4.1	9.13			
13		24	7	24	Y		45.08	19.4	7.5	< 14	0.679	4.8	< 1	9.14			
14		24	7	24	B		35.58										
15		24	7	24	B		33.62										
16		24	7	24	Y		34.99	H	H	H	H	H	H	H	H	H	
17		24	7	24	Y		34.23	18.6	7.5	< 14	0.102	3.32	5.9	9.32			
18		24	7	24	Y		35.52	18.6	7.6	< 14	< 0.1	2.9	< 1	9.29			
19		24	7	24	Y		32.59	19.5	7.6	< 14	< 0.1	2.75	44.8	9.28			
20		24	7	24	Y		33.23	19.1	7.5	< 14	< 0.1	3.45	1413.6	9.09			
21		24	7	24	B		32.79										
22		24	7	24	B		35.23										
23		24	7	24	Y		42.8	17.8	7.6	< 14	< 0.1	3.69	2	9.14			
24		24	7	24	Y		34.9	17.2	7.4	< 14	0.1	3.36	5.2	9.56			
25		24	7	24	Y		41.5	17.7	7.4	< 14	< 0.1	3.11	6.3	9.38			
26		24	7	24	Y		43.34	17.6	7.5	< 14	< 0.1	3.3	9.7	9.23			
27		24	7	24	Y		35.54	17.2	7.4	< 14	< 0.1	3.35	8.5	9.8			
28		24	7	24	B		34.87										
29		24	7	24	B		34.77										
30		24	7	24	Y		37.52	17.4	7.4	< 14	< 0.1	3.2	7.56	9.3			
31		24	7	24	Y		34.82	18.1	7.4	< 14	< 0.1	3.05	3.1	9.19			
Monthly Average Limit:							56				4	30	200				
Monthly Average:							35.804516	18.535		3.725	0.30465	5.7845	5.598684	9.26			
Daily Maximum:							45.08	19.9	7.7	48.2	1.64	13.4	1413.6	9.8			
Daily Minimum:							30.97	17.2	7.4	0	0	2.75	0	8.94			

**** 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: 01-2023 (January 2023)

PERMIT VERSION: 4.0
 CLASS: WW-4.
 ORC: Bradley Todd Flynt
 ORC HAS CHANGED: No
 VERSION: 2.0

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****	CO600	QM600	QY665	QM665	CO665	82388	80082	01042	00630	00625	TGP3B					
							Weekly	Monthly	Annually	Monthly	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	CERI7DPF					
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N																	
1		24	7	24	B																	
2		24	7	24	Y		H			H		H	H	H	H	H						
3		24	7	24	Y					1.27	3.32	2.19										
4		24	7	24	Y		7.62					2.17			4.09	3.53						
5		24	7	24	Y							3.66										
6		24	7	24	Y							3.76										
7		24	7	24	B																	
8		24	7	24	B																	
9		24	7	24	Y							2.64										
10		24	7	24	Y						2.79	2.45										
11		24	7	24	Y		6.29					2.42			1.37	4.92						
12		24	7	24	Y					0.502		2.6										
13		24	7	24	Y							2.61										
14		24	7	24	B																	
15		24	7	24	B																	
16		24	7	24	Y		H	H	H	H	H	H	H	H	H	H	H	H	H			
17		24	7	24	Y		2.36			0.278	3.48	2.45	3	0.33	2.03	0						
18		24	7	24	Y							< 2										
19		24	7	24	Y							< 2										
20		24	7	24	Y							< 2										
21		24	7	24	B																	
22		24	7	24	B																	
23		24	7	24	Y							< 2										
24		24	7	24	Y					0.256	2.45	< 2										
25		24	7	24	Y		2.45					2.76			< 0.1	2.45						
26		24	7	24	Y							2.59										
27		24	7	24	Y							2.15										
28		24	7	24	B																	
29		24	7	24	B																	
30		24	7	24	Y							3.52										
31		24	7	24	Y																	
Monthly Average Limit:												8										
Monthly Average:							4.68	43321		5489	0.5934	2.82	1.8985	3	1.4475	3.2325	0					
Daily Maximum:							7.62	43321		5489	1.27	3.48	3.76	3	4.09	4.92	0					
Daily Minimum:							2.36	43321		5489	0.256	2.06	0	3	0	2.03	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: 01-2023 (January 2023)

VERSION: 2.0

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	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	mg/l	ug/l			
1		24	7	24	B														
2		24	7	24	Y		H	H	H	H	H	H	H	H	H		H		
3		24	7	24	Y														
4		24	7	24	Y														
5		24	7	24	Y														
6		24	7	24	Y														
7		24	7	24	B														
8		24	7	24	B														
9		24	7	24	Y														
10		24	7	24	Y														
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	Y		H	H	H	H	H	H	H	H	H	H	H		
17		24	7	24	Y		< 1	74	1.1	< 2	< 0.5	< 0.15	< 2	< 2	< 20	92	< 0.5		
18		24	7	24	Y														
19		24	7	24	Y														
20		24	7	24	Y														
21		24	7	24	B														
22		24	7	24	B														
23		24	7	24	Y														
24		24	7	24	Y														
25		24	7	24	Y														
26		24	7	24	Y														
27		24	7	24	Y														
28		24	7	24	B														
29		24	7	24	B														
30		24	7	24	Y														
31		24	7	24	Y														
Monthly Average Limit:							5.1												
Monthly Average:							0	74	1.1	0	0	0	0	0	0	0	92	0	
Daily Maximum:							0	74	1.1	0	0	0	0	0	0	0	92	0	
Daily Minimum:							0	74	1.1	0	0	0	0	0	0	0	92	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: 01-2023 (January 2023)

VERSION: 2.0

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
							Grab	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	
1		24	7	24	B								
2		24	7	24	Y		H	H	H	H	H	H	H
3		24	7	24	Y								
4		24	7	24	Y								
5		24	7	24	Y								
6		24	7	24	Y								
7		24	7	24	B								
8		24	7	24	B								
9		24	7	24	Y								
10		24	7	24	Y								
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	Y		H	H	H	H	H	H	H
17		24	7	24	Y			13	< 0.5		< 25	< 5	< 5
18		24	7	24	Y								
19		24	7	24	Y								
20		24	7	24	Y								
21		24	7	24	B								
22		24	7	24	B								
23		24	7	24	Y								
24		24	7	24	Y								
25		24	7	24	Y								
26		24	7	24	Y								
27		24	7	24	Y								
28		24	7	24	B								
29		24	7	24	B								
30		24	7	24	Y								
31		24	7	24	Y								
Monthly Average Limit:													
Monthly Average:								13	0		0	0	0
Daily Maximum:								13	0		0	0	0
Daily Minimum:								13	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
 FACILITY NAME: T.Z. Osborne WWTP
 OWNER NAME: City of Greensboro
 GRADE: WW-4
 eDMR PERIOD: 01-2023 (January 2023)

PERMIT VERSION: 4.0
 CLASS: WW-4
 ORC: Bradley Todd Flynt
 ORC HAS CHANGED: No
 VERSION: 2.0

PERMIT STATUS: Expired
 COUNTY: Guilford
 ORC CERT NUMBER: 27171
 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		H	H	H	H		
3		24		237	247	23	7.34		
4		24		256	328	24.1			
5		24		314	283	19.1			
6		24		298	330	19.4			
7		24							
8		24							
9		24		240	290	21.4			
10		24		288	251	29.8			
11		24		287	340	26.8			
12		24		323	439	25.9	8.22		
13		24		248	317	23.8			
14		24							
15		24							
16		24		H	H	H	H		
17		24		284	298	21.4	7.33		
18		24							
19		24		401	409	23.8			
20		24		345	411	23.5			
21		24							
22		24							
23		24		218	260	19.6			
24		24		244	262	20.2	6.55		
25		24		300	387	22.6			
26		24		254	325	17.8			
27		24		213	326	20.3			
28		24							
29		24							
30		24		239	278	24.8			
31		24		259	258	21.2	7.47	99.402897	97.850757
Monthly Average Limit:									
Monthly Average:				276.210526	317.842105	22.552632	7.382	99.402897	97.850757
Daily Maximum:				401	439	29.8	8.22	99.402897	97.850757
Daily Minimum:				213	247	17.8	6.55	99.402897	97.850757

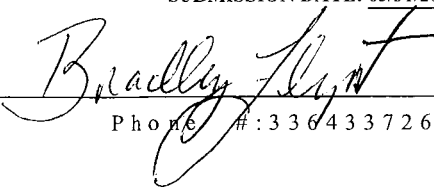
**** No Reporting Reason: ENFRUSE = No Flow-Reuse/Recycle; ENVWTHR = No Visitation - Adverse Weather; NOFLOW = No Flow; HOLIDAY = No Visitation - Holiday

NPDES PERMIT NO.: NC0047384
FACILITY NAME: T.Z. Osborne WWTP
OWNER NAME: City of Greensboro
GRADE: WW-4.
eDMR PERIOD: 01-2023 (January 2023)
COMPLIANCE STATUS: Non-Compliant

PERMIT VERSION: 4.0
CLASS: WW-4.
ORC: Bradley Todd Flynt
ORC HAS CHANGED: No
VERSION: 2.0
CONTACT PHONE #: 4337262

PERMIT STATUS: Expired
COUNTY: Guilford
ORC CERT NUMBER: 27171
STATUS: Submitted
SUBMISSION DATE: 05/31/2023

Electronically Certified by Bradley Todd Flynt on 2023-05-09 09:07:13.903

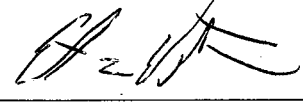
 5/30/23
Phone #: 3364337262 Date

ORC/Certifier Signature: Bradley Todd Flynt

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 2023-05-31 08:50:05.667

 6/15/2023
Date

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

STATUS: Submitted

eDMR PERIOD: 01-2023 (January 2023)

VERSION: 2.0

Report Comments:

Data Qualifications- Glucose/Glutamic Acid standard out of range on 1/6, 1/9, 1/17, 1/18; Blank depleted >0.20 mg/l on 1/23, 1/24, 1/25, 1/30; Effluent pH on 1/30, 1/31 run out of hold time-New chemist lab error. All QA/QC in range, pH normal value.

No TZO Influent composite sample for 1/18 due to operations error. Thus, no influent values reported for CBOD, TSS, and Ammonia.

eDMR revised because the monthly TN loading was not calculated correctly by the system. The eDMR calculated 43598 lbs and the actual was 43321 lbs.