

NPDES PERMIT NO.: NC0047384  
 FACILITY NAME: T.Z. Osborne WWTP  
 OWNER NAME: City of Greensboro  
 GRADE: WW-4  
 eDMR PERIOD: 04-2023 (April 2023)

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**

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	QY600	
							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	Annually
							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							
	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		34.19									
2		24	7	24	B		33									
3		24	7	24	Y		33.75	19.7	7.6	17	< 0.1	5.94	13.1	8.78		
4		24	7	24	B		32.53	20.8	7.5	< 14	< 0.1	5	2.8	8.42		
5		24	7	24	Y		35.32	21.6	7.5	< 14	< 0.1	4.74	14.5	8.08		
6		24	7	24	Y		36.2	22.4	7.5	< 14	< 0.1	5.07	18.3	7.92		
7		24	7	24	Y		44.38	H	H	H	H	H	H	H	H	
8		24	7	24	B		48.96									
9		24	7	24	B		49.68									
10		24	7	24	Y		38.52	18.7	7.4	25	< 0.1	4.53	> 2419.6	9.33		
11		24	7	24	Y		38.08	18.7	7.4	< 14	< 0.1	6	137.6	8.67		
12		24	7	24	B		35.82	19.8	7.5	< 14	< 0.1	5.27	48.7	8.73		
13		24	7	24	B		34.65	20.1	7.5	< 14	< 0.1	4.6	90.6	8.79		
14		24	7	24	B		39.06	21.1	7.6	< 14	< 0.1	4.74	56.5	8.46		
15		24	7	24	B		40.96									
16		24	7	24	B		36.58									
17		24	7	24	Y		35.16	20.5	7.5	< 14	< 0.1	5.67	5.72	8.8		
18		24	7	24	Y		36.61	20.1	7.5	< 14	< 0.1	5	9.7	8.7		
19		24	7	24	Y		34.5	20.3	7.5	19	< 0.1	5.33	10.9	8.78		
20		24	7	24	Y		34.48	20.6	7.5	< 14	< 0.1	6	7.3	8.67		
21		24	7	24	Y		33.98	20.9	7.6	< 14	< 0.1	5.4	36.4	8.95		
22		24	7	24	B		34.31									
23		24	7	24	B		35.68									
24		24	7	24	Y		32.5	20	7.6	< 14	< 0.1	5	11.8	8.83		
25		24	7	24	Y		34.38	19.9	7.6	17	< 0.1	4.8	6.3	8.95		
26		24	7	24	Y		34.46	20.2	7.6	< 14	< 0.1	5	9.7	8.96		
27		24	7	24	Y		33.75	20.8	7.6	< 14	0.131	5.9	4.1	8.87		
28		24	7	24	Y		49.09	20.9	7.5	< 14	0.105	6.3	12.2	8.35		
29		24	7	24	B		49.82									
30		24	7	24	B		43.72									
Monthly Average Limit:							56				2	30	200			
Monthly Average:							37.804	20.373684		4.105263	0.012421	5.278421	19.881352	8.686316		
Daily Maximum:							49.82	22.4	7.6	25	0.131	6.3	2419.6	9.33		
Daily Minimum:							32.5	18.7	7.4	0	0	4.53	2.8	7.92		

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

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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	CO600	QY665	QM665	CO665	82388	80082	01042	00630	00625	TGP3B	
							Monthly	Weekly	Annually	Monthly	Weekly	Weekly	5 X week	Quarterly	Weekly	Weekly	Quarterly	
							Calculated	Composite	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		lb/mon	mg/l	lbs/yr	lb/mon	mg/l	ug/l	mg/l	ug/l	mg/l	mg/l	pass/fail	
1		24	7	24	B													
2		24	7	24	B													
3		24	7	24	Y								< 2					
4		24	7	24	B			5.24			0.177	3.01	< 2	2	1.05	4.19	0	
5		24	7	24	Y								< 2					
6		24	7	24	Y								< 2					
7		24	7	24	Y		H	H	H	H	H	H	H	H	H	H	H	H
8		24	7	24	B													
9		24	7	24	B													
10		24	7	24	Y								2.26					
11		24	7	24	Y						0.235	1.54	3.52					
12		24	7	24	B			2.76					< 2		0.7	2.06		
13		24	7	24	B								< 2					
14		24	7	24	B								2.15					
15		24	7	24	B													
16		24	7	24	B													
17		24	7	24	Y								< 2					
18		24	7	24	Y						0.187	1.93	< 2					
19		24	7	24	Y			2.43					< 2		0.44	1.99		
20		24	7	24	Y								< 2					
21		24	7	24	Y								< 2					
22		24	7	24	B													
23		24	7	24	B													
24		24	7	24	Y								< 2					
25		24	7	24	Y						0.256	4.48	< 2					
26		24	7	24	Y			2.96					< 2		0.35	2.61		
27		24	7	24	Y								2.17					
28		24	7	24	Y								< 2					
29		24	7	24	B													
30		24	7	24	B		31685.6199			2024								
Monthly Average Limit:													4					
Monthly Average:							31685.6199	3.3475		2024	0.21375	2.74	0.531579	2	0.635	2.7125	0	
Daily Maximum:							31685.6199	5.24		2024	0.256	4.48	3.52	2	1.05	4.19	0	
Daily Minimum:							31685.6199	2.43		2024	0.177	1.54	0	2	0.35	1.99	0	

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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****	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	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	B																	
2		24	7	24	B																	
3		24	7	24	Y																	
4		24	7	24	B		< 1	31	2.3	< 2	< 0.5	< 0.15	2	< 2	< 20	76	< 0.5					
5		24	7	24	Y																	
6		24	7	24	Y																	
7		24	7	24	Y		H	H	H	H	H	H	H	H	H	H	H	H				
8		24	7	24	B																	
9		24	7	24	B																	
10		24	7	24	Y																	
11		24	7	24	Y																	
12		24	7	24	B																	
13		24	7	24	B																	
14		24	7	24	B																	
15		24	7	24	B																	
16		24	7	24	B																	
17		24	7	24	Y																	
18		24	7	24	Y																	
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																	
Monthly Average Limit:							5.1															
Monthly Average:							0	31	2.3	0	0	0	2	0	0	0	76	0				
Daily Maximum:							0	31	2.3	0	0	0	2	0	0	76	0					
Daily Minimum:							0	31	2.3	0	0	0	2	0	0	76	0					

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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: 04-2023 (April 2023)

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	
	2400 clock	Hrs	2400 clock	Hrs					Y/B/N	Grab	Composite	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	ug/l	
1		24	7	24		B										
2		24	7	24		B										
3		24	7	24		Y										
4		24	7	24		B			10	< 0.5		< 25	< 5	< 5		
5		24	7	24		Y										
6		24	7	24		Y										
7		24	7	24		Y		H	H	H	H	H	H	H	H	
8		24	7	24		B										
9		24	7	24		B										
10		24	7	24		Y										
11		24	7	24		Y										
12		24	7	24		B										
13		24	7	24		B										
14		24	7	24		B										
15		24	7	24		B										
16		24	7	24		B										
17		24	7	24		Y										
18		24	7	24		Y										
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		0.0138								
27		24	7	24		Y										
28		24	7	24		Y										
29		24	7	24		B										
30		24	7	24		B										
Monthly Average Limit:																
Monthly Average:									0.0138	10	0		0	0	0	
Daily Maximum:									0.0138	10	0		0	0	0	
Daily Minimum:									0.0138	10	0		0	0	0	

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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: 04-2023 (April 2023)

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		229	356	25.6			
4		24		323	406	26.3	8.53		
5		24		282	489	31.8			
6		24		321	451	30.7			
7		24		H	H	H	H		
8		24							
9		24							
10		24		160	265	16.2			
11		24		225	268	22.9	5.25		
12		24		215	333	26.4			
13		24		281	406	26.9			
14		24		242	399	28.2			
15		24							
16		24							
17		24		184	369	24.8			
18		24		303	333	23.5	5.51		
19		24		274	430	25.1			
20		24		278	374	27.3			
21		24		342	414	23.4			
22		24							
23		24							
24		24		189	336	23.9			
25		24		258	451	24	6.73		
26		24		393	436	26.8			
27		24		411	400	26.4			
28		24		285	347	23.8			
29		24							
30		24						99.860967	98.070373
Monthly Average Limit:									
Monthly Average:				273.421053	382.263158	25.473684	6.505	99.860967	98.070373
Daily Maximum:				411	489	31.8	8.53	99.860967	98.070373
Daily Minimum:				160	265	16.2	5.25	99.860967	98.070373

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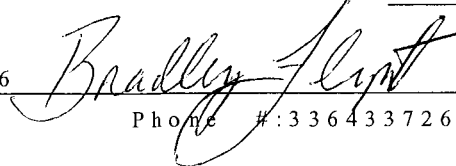
NPDES PERMIT NO.: NC0047384  
FACILITY NAME: T.Z. Osborne WWTP  
OWNER NAME: City of Greensboro  
GRADE: WW-4  
eDMR PERIOD: 04-2023 (April 2023)  
COMPLIANCE STATUS: Compliant

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: 05/24/2023

Electronically Certified by Bradley Todd Flynt on 2023-05-24 16:29:34.86

ORC/Certifier Signature: Bradley Todd Flynt



Phone #: 3364337262

5/30/23

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 2023-05-24 16:48:29.822

Permittee/Submitter Signature: \*\*\*Elijah Lamont Williams

Phone #: 336-373-4632

Date



5/30/2023

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 - Blank depleted >0.20 mg/l on 4/4 and 4/5. G/G out of range on 4/10, 4/18, 4/19, 4/25, 4/26, 4/27, 4/28. Bioassay passed at 100%.