

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: 08-2022 (August 2022)

VERSION: 2.0

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		
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N		mgd	deg c	su	ug/l	mg/l	mg/l	mg/l	#/100ml	mg/l	lb/mon				
1		24	7	24	Y		28.82	28.7	7.6	< 14	< 0.1	2.5	> 2419.6	7.2						
2		24	7	24	Y		30.6	28.7	7.6	< 14	< 0.1	3.3	195.6	7.11						
3		24	7	24	Y		30.82	28.5	7.6	< 14	< 0.1	3.05	20.7	7.03						
4		24	7	24	Y		29.95	29	7.7	< 14	< 0.1	3.6	11	7.04						
5		24	7	24	Y		30.66	29.1	7.6	< 14	0.108	4.19	> 2419.6	7.17						
6		24	7	24	B		30.11													
7		24	7	24	B		30.55													
8		24	7	24	Y		30.26	28.8	7.7	< 14	< 0.1	5.35	> 241960	6.8						
9		24	7	24	Y		31.96	28.7	7.5	< 14	< 0.1	3.78	2	7.26						
10		24	7	24	Y		33.4	28.9	7.5	< 14	< 0.1	3.9	38.3	7.06						
11		24	7	24	Y		30.72	29	7.6	< 14	< 0.1	4.85	24.4	7.23						
12		24	7	24	Y		30.76	29.1	7.7	< 14	< 0.1	4.44	18.7	7.2						
13		24	7	24	B		29.19													
14		24	7	24	B		29.07													
15		24	7	24	B		32.34	28.1	7.7	< 14	< 0.1	4.67	17.2	7.33						
16		24	7	24	B		31.74	28.1	7.7	< 14	< 0.1	4.32	3.1	7.07						
17		24	7	24	B		30.53	27.7	7.7	< 14	< 0.1	4.18	30.9	7.35						
18		24	7	24	B		31.34	27.3	7.7	< 14	< 0.1	4	22.8	7.49						
19		24	7	24	Y		32.25	27.9	7.7	< 14	< 0.1	3.84	26.9	7.16						
20		24	7	24	B		30.9													
21		24	7	24	B		30.07													
22		24	7	24	Y		38.08	28.1	7.7	< 14	< 0.1	5.2	727.2	7.2						
23		24	7	24	Y		30.06	28.1	7.6	< 14	0.102	4.4	172.3	7.35						
24		24	7	24	Y		31.78	28.2	7.6	< 14	< 0.1	4	20.1	7.27						
25		24	7	24	Y		30.43	28.5	7.5	< 14	< 0.1	4.63	2	7.14						
26		24	7	24	Y		31.08	28.2	7.6	< 14	< 0.1	4.5	3.1	7.43						
27		24	7	24	B		30.59													
28		24	7	24	B		28.57													
29		24	7	24	Y		32.2	28.4	7.6	< 14	< 0.1	4.4	17.5	7.22						
30		24	7	24	Y		30.79	28.8	7.6	< 14	< 0.1	4.11	< 1	7.25						
31		24	7	24	Y		30.61	28.7	7.7	< 14	< 0.1	4	6.2	7.36		44524.85808				
Monthly Average Limit:									56				2	30	200					
Monthly Average:									30.975161	28.46087		0	0.00913	4.139565	38.931457	7.205217	44524.85808			
Daily Maximum:									38.08	29.1	7.7	0	0.108	5.35	241960	7.49	44524.85808			
Daily Minimum:									28.57	27.3	7.5	0	0	2.5	0	6.8	44524.85808			

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

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ORC: Bradley Todd Flynt

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eDMR PERIOD: 08-2022 (August 2022)

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****	QY600	CO600	QY665	QM665	CO665	82388	80082	00630	00625	01147	01097	
							Annually	Weekly	Annually	Monthly	Weekly	Weekly	5 X week	Weekly	Weekly	Monthly		
							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	NO2&NO3	TOT KJEL	Se-TOTAL	ANTIMONY	
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N	lbs/yr	mg/l	lbs/yr	lb/mon	mg/l	ug/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	
1		24	7	24	Y							< 2						
2		24	7	24	Y					0.315	2.41	< 2						
3		24	7	24	Y		4.58					< 2	2.44	2.14				
4		24	7	24	Y							< 2						
5		24	7	24	Y							< 2						
6		24	7	24	B													
7		24	7	24	B													
8		24	7	24	Y							< 2						
9		24	7	24	Y					0.865	1.81	< 2						
10		24	7	24	Y		5.98					< 2	4.08	1.9	< 1			
11		24	7	24	Y							< 2						
12		24	7	24	Y							< 2						
13		24	7	24	B													
14		24	7	24	B													
15		24	7	24	B							2.33						
16		24	7	24	B					1.24	1.83	< 2						
17		24	7	24	B		7.3			0.8		< 2	4.95	2.35				
18		24	7	24	B							< 2						
19		24	7	24	Y							< 2						
20		24	7	24	B													
21		24	7	24	B													
22		24	7	24	Y							< 2						
23		24	7	24	Y						1.64	< 2						
24		24	7	24	Y		5.03					< 2	2.87	2.16				
25		24	7	24	Y					1.36		< 2						
26		24	7	24	Y							< 2						
27		24	7	24	B													
28		24	7	24	B													
29		24	7	24	Y							< 2						
30		24	7	24	Y						1.72	< 2						
31		24	7	24	Y		4.93		7335			< 2	3.01	1.92				
Monthly Average Limit:												4			5.1			
Monthly Average:								5.564		7335	0.916	1.882	0.101304	3.47	2.094	0		
Daily Maximum:								7.3		7335	1.36	2.41	2.33	4.95	2.35	0		
Daily Minimum:								4.58		7335	0.315	1.64	0	2.44	1.9	0		

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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****	01002	01012	01027	01034	01037	01042	00720	00900	01051	COMER	01067	
							Composite	Composite	Composite	Composite	Composite	Composite	Grab	Composite	Composite	Grab	Composite	
							As-TOTAL	BERYLIUM	CADMIUM	Cr-TOTAL	COBALT	COPPER	CN-TOT	TOT HARD	LEAD	MERCURY -	NICKEL	
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N	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		24	7	24	Y													
2		24	7	24	Y													
3		24	7	24	Y													
4		24	7	24	Y													
5		24	7	24	Y													
6		24	7	24	B													
7		24	7	24	B													
8		24	7	24	Y													
9		24	7	24	Y													
10		24	7	24	Y		< 2		< 0.15	3		2			< 0.5			11
11		24	7	24	Y													
12		24	7	24	Y													
13		24	7	24	B													
14		24	7	24	B													
15		24	7	24	B													
16		24	7	24	B													
17		24	7	24	B													
18		24	7	24	B											0.0029		
19		24	7	24	Y													
20		24	7	24	B													
21		24	7	24	B													
22		24	7	24	Y													
23		24	7	24	Y													
24		24	7	24	Y													
25		24	7	24	Y													
26		24	7	24	Y													
27		24	7	24	B													
28		24	7	24	B													
29		24	7	24	Y													
30		24	7	24	Y													
31		24	7	24	Y													
Monthly Average Limit:																		
Monthly Average:							0		0	3		2			0		0.0029	11
Daily Maximum:							0		0	3		2			0		0.0029	11
Daily Minimum:							0		0	3		2			0		0.0029	11

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eDMR PERIOD: 08-2022 (August 2022)

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***	TGP3B	01077	01059	01102	01152	01087	01092
							Composite	Composite	Composite	Composite	Composite	Composite	Composite
							CERI7DPF	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
1		24	7	24	Y								
2		24	7	24	Y								
3		24	7	24	Y								
4		24	7	24	Y								
5		24	7	24	Y								
6		24	7	24	B								
7		24	7	24	B								
8		24	7	24	Y								
9		24	7	24	Y								
10		24	7	24	Y			< 0.5					33
11		24	7	24	Y								
12		24	7	24	Y								
13		24	7	24	B								
14		24	7	24	B								
15		24	7	24	B								
16		24	7	24	B								
17		24	7	24	B								
18		24	7	24	B								
19		24	7	24	Y								
20		24	7	24	B								
21		24	7	24	B								
22		24	7	24	Y								
23		24	7	24	Y								
24		24	7	24	Y								
25		24	7	24	Y								
26		24	7	24	Y								
27		24	7	24	B								
28		24	7	24	B								
29		24	7	24	Y								
30		24	7	24	Y								
31		24	7	24	Y								
Monthly Average Limit:													
Monthly Average:								0					33
Daily Maximum:								0					33
Daily Minimum:								0					33

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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: 08-2022 (August 2022)

VERSION: 2.0

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		264	397	23			
2		24		455	331	21.9	6.52		
3		24		351	414	22.3			
4		24		403	422	20.7			
5		24		318	367	24.1			
6		24							
7		24							
8		24		323	343	21.3			
9		24		291	287	21.1	6.37		
10		24		317	331	25			
11		24		345	399	21.2			
12		24		303	346	22.6			
13		24							
14		24							
15		24		268	339	18.2			
16		24		295	288	20.5	7.84		
17		24		372	346	22.3			
18		24		353	322	21.1			
19		24		405	381	26.1			
20		24							
21		24							
22		24		333	342	20.2			
23		24		328	290	18.8			
24		24		315	333	23.7			
25		24		308	341	22.2	7.34		
26		24		415	359	24.2			
27		24							
28		24							
29		24		380	312	20.9			
30		24		329	281	20			
31		24		346	352	22.4		99.970592	98.782305
Monthly Average Limit:									
Monthly Average:				339.869565	344.478261	21.904348	7.0175	99.970592	98.782305
Daily Maximum:				455	422	26.1	7.84	99.970592	98.782305
Daily Minimum:				264	281	18.2	6.37	99.970592	98.782305

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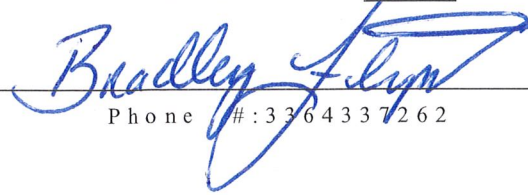
NPDES PERMIT NO.: NC0047384  
FACILITY NAME: T.Z. Osborne WWTP  
OWNER NAME: City of Greensboro  
GRADE: WW-4  
eDMR PERIOD: 08-2022 (August 2022)  
COMPLIANCE STATUS: Compliant

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: 10/24/2022

Electronically Certified by Bradley Todd Flynt on 2022-10-20 13:00:17.489

ORC/Certifier Signature: Bradley Todd Flynt



Phone #: 336 433 7262

Date

I certify that this report is accurate and complete to the best of my knowledge.

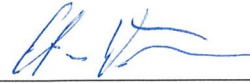
The permittee shall report to the Director or the appropriate Regional Office any noncompliance that potentially threatens public health or the environment. Any information shall be provided orally within 24 hours from the time the permittee became aware of the circumstances. A written submission shall 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 2022-10-24 14:43:50.549

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

Phone #: 336-373-4632

Date



10/25/2022

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- Glucose/Glutamic Acid standard out of range 8/9-11 and 8/15; Seed 8/8 - did not meet the 2&1 rule and the water used up >0.20 mg/l. Ammonia on 8/29 was not preserved within the 15 minute holding time due to delay of sample delivery; Total Phosphorus on 8/3 - matrix spike RPD was out of range (23.8%). All other QA/QC was in. Fecal value on 8/8 was caused by bird waste on the collection dipper. Due to high values the week before, we also caught a sample in the chlorine building splitter box the same morning. The normal sample location was >241960/100 ml due to contamination and the splitter box sample (caught approx. 5 minutes later) was 33.7/100 ml. The collection sample location has been moved with DEQ permission.

Resubmitting with the Hg result for August received on 10/20/22. Outside laboratory was having trouble with their instrument.