

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: 11-2021 (November 2021)

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			
							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	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			
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N													
							mgd	deg c	su	ug/l	mg/l	mg/l	#/100ml	mg/l	lb/mon			
1		24	7	24	Y		33.26	23.8	7.7	< 14	< 0.1	< 2.5	3.5	8.1				
2		24	7	24	Y		32.42	22.8	7.6	< 14	< 0.1	< 2.5	2	7.77				
3		24	7	24	Y		28.07	23	7.6	< 14	< 0.1	< 2.5	8.6	7.58				
4		24	7	24	Y		30.94	23.2	7.7	< 14	< 0.1	< 2.5	19.9	8.02				
5		24	7	24	Y		29.73	22.9	7.7	< 14	< 0.1	< 2.5	37.9	8.22				
6		24	7	24	B		29.68											
7		24	7	24	B		28.3											
8		24	7	24	Y		29.35	22.5	7.7	< 14	0.121	< 2.5	11.9	8.14				
9		24	7	24	B		30.18	22.6	7.6	< 14	< 0.1	< 2.5	3.1	8.07				
10		24	7	24	B		30.31	23.2	7.7	< 14	< 0.1	< 2.5	3.1	8.1				
11		24	7	24	B		29.6	H	H	H	H	H	H	H				
12		24	7	24	B		29.08	23.3	7.8	< 14	< 0.1	< 2.5	9.8	8.01				
13		24	7	24	B		29.48											
14		24	7	24	B		28.42											
15		24	7	24	Y		30.89	22.1	7.8	< 14	< 0.1	4.95	1.4	8.22				
16		24	7	24	Y		29.61	21.2	7.7	< 14	< 0.1	2.9	1	8.38				
17		24	7	24	Y		28.01	21.9	7.7	< 14	< 0.1	3.5	1	8.17				
18		24	7	24	Y		29.72	22.6	7.7	< 14	< 0.1	3.2	4.1	8.26				
19		24	7	24	Y		30.37	21.6	7.8	< 14	< 0.1	2.85	1	8.31				
20		24	7	24	B		27.62											
21		24	7	24	B		27.07											
22		24	7	24	Y		30.52	22	7.8	< 14	< 0.1	< 2.5	1	8.28				
23		24	7	24	Y		29.77	20.6	7.7	< 14	< 0.1	2.6	< 1	8.53				
24		24	7	24	Y		29.32	20.6	7.7	< 14	< 0.1	< 2.5	1	8.6				
25		24	7	24	Y		25.87	H	H	H	H	H	H	H				
26		24	7	24	Y		26.52	H	H	H	H	H	H	H				
27		24	7	24	B		27.39											
28		24	7	24	B		27.47											
29		24	7	24	Y		30.26	20.3	7.6	< 14	< 0.1	< 2.5	29.7	8.7				
30		24	7	24	Y		28.43	19.6	7.5	< 14	< 0.1	< 2.5	< 1	8.67	43627.30728			
Monthly Average Limit:							56				4	30	200					
Monthly Average:							29.255333	22.094737		0	0.006368	1.052632	3.334771	8.217368	43627.30728			
Daily Maximum:							33.26	23.8	7.8	0	0.121	4.95	37.9	8.7	43627.30728			
Daily Minimum:							25.87	19.6	7.5	0	0	0	0	7.58	43627.30728			

\*\*\*\* 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: 11-2021 (November 2021)

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	CO665	QM665	82388	80082	00630	00625	01147	01097
							Annually	Weekly	Annually	Weekly	Monthly	Weekly	5 X week	Weekly	Weekly	Monthly	
							Calculated	Composite	Calculated	Composite	Calculated	Grab	Composite	Composite	Composite	Composite	Composite
							TOTAL N -	TOTAL N -	Total P - Qty	TOTAL P -	Total P - Qty	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	mg/l	lb/mon	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				0.471			< 2					
3		24	7	24	Y		8.28				823	< 2	5.24	3.04			
4		24	7	24	Y							2.58					
5		24	7	24	Y							2.1					
6		24	7	24	B												
7		24	7	24	B												
8		24	7	24	Y						12.45	< 2					
9		24	7	24	B				0.146			< 2					
10		24	7	24	B		3.94					< 2	0.32	3.62	< 1		
11		24	7	24	B		H		H			H	H	H	H	H	H
12		24	7	24	B							< 2					
13		24	7	24	B												
14		24	7	24	B												
15		24	7	24	Y							< 2					
16		24	7	24	Y				0.248			< 2					
17		24	7	24	Y		6.55				2.97	< 2	3.57	2.98			
18		24	7	24	Y							< 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				0.18			< 2					
24		24	7	24	Y		5.05				4.85	< 2	2.5	2.55			
25		24	7	24	Y		H		H			H	H	H	H	H	H
26		24	7	24	Y		H		H			H	H	H	H	H	H
27		24	7	24	B												
28		24	7	24	B												
29		24	7	24	Y							< 2					
30		24	7	24	Y				0.151	1749	1.96	2.29					
Monthly Average Limit:												8			5.1		
Monthly Average:							5.955		0.2392	1749	169.046	0.366842	2.9075	3.0475	0		
Daily Maximum:							8.28		0.471	1749	823	2.58	5.24	3.62	0		
Daily Minimum:							3.94		0.146	1749	1.96	0	0.32	2.55	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

cDMR PERIOD: 11-2021 (November 2021)

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***	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	
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	B													
10		24	7	24	B		< 2		< 0.15	2.2		< 2			< 0.5		25	
11		24	7	24	B		H	H	H	H	H	H	H		H	H	H	
12		24	7	24	B													
13		24	7	24	B													
14		24	7	24	B													
15		24	7	24	Y													
16		24	7	24	Y													
17		24	7	24	Y													
18		24	7	24	Y													
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		H	H	H	H	H	H	H		H	H	H	
26		24	7	24	Y		H	H	H	H	H	H	H		H	H	H	
27		24	7	24	B													
28		24	7	24	B													
29		24	7	24	Y											< 0.001		
30		24	7	24	Y													
Monthly Average Limit:																		
Monthly Average:							0		0	2.2		0			0	0	25	
Daily Maximum:							0		0	2.2		0			0	0	25	
Daily Minimum:							0		0	2.2		0			0	0	25	

\*\*\*\* 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: 11-2021 (November 2021)

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 ***	TGP3B	01077	01059	01102	01152	01087	01092
							Composite	Composite	Composite	Composite	Composite	Composite	Composite
							CER17/DPF	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	B								
10		24	7	24	B			< 0.5					33
11		24	7	24	B			H	H	H	H	H	H
12		24	7	24	B								
13		24	7	24	B								
14		24	7	24	B								
15		24	7	24	Y								
16		24	7	24	Y								
17		24	7	24	Y								
18		24	7	24	Y								
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			H	H	H	H	H	H
26		24	7	24	Y			H	H	H	H	H	H
27		24	7	24	B								
28		24	7	24	B								
29		24	7	24	Y								
30		24	7	24	Y								
Monthly Average Limit:													
Monthly Average:								0					33
Daily Maximum:								0					33
Daily Minimum:								0					33

\*\*\*\* 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: 11-2021 (November 2021)

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
	2400	Hrs		TSS - Conc	CBOD 20C	NH3-N - Conc	TOTAL P - Conc	CBOD5-%R	TSS-%R
				mg/l	mg/l	mg/l	mg/l	percent	percent
1		24		202	250	24.9			
2		24		251	239	22	7.72		
3		24		256	340	27.6			
4		24		278	387	29.7			
5		24		240	383	30.3			
6		24							
7		24							
8		24		235	237	22.6			
9		24		276	316	19.8	8.42		
10		24		306	366	26.3			
11		24		H	H	H	H		
12		24		284	419	23.1			
13		24							
14		24							
15		24		216	302	23.4			
16		24		227	287	22.4	8.05		
17		24		277	403	26.2			
18		24		276	402	24.9			
19		24		241	417	26.4			
20		24							
21		24							
22		24		232	274	22.7			
23		24		264	335	22.6	8.51		
24		24		424	417	23.3			
25		24		H	H	H	H		
26		24		H	H	H	H		
27		24							
28		24							
29		24		225	263	23.7			
30		24		307	332	25.6	7.4	99.890549	99.601376
Monthly Average Limit:									
Monthly Average:				264.052632	335.210526	24.605263	8.02	99.890549	99.601376
Daily Maximum:				424	419	30.3	8.51	99.890549	99.601376
Daily Minimum:				202	237	19.8	7.4	99.890549	99.601376

\*\*\*\* 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: 11-2021 (November 2021)

VERSION: 2.0

STATUS: Submitted

COMPLIANCE STATUS: Compliant

CONTACT PHONE #: 433-7262

SUBMISSION DATE: 01/19/2022

Electronically Certified by Bradley Todd Flynt on 2022-01-19 09:26:07.811

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 ILE.6 of the NPDES permit.

Electronically Signed by Elijah Lamont Williams on 2022-01-19 13:51:04.022

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: 11-2021 (November 2021)

VERSION: 2.0

STATUS: Submitted

**Report Comments:**

AMENDED eDMR to add delayed metals results and total phosphorus result for 11/30/2021. Analyses conducted by Meritech. Note: Effluent metals sample was not preserved immediately and all metals data is being reported as qualified.

Fecal Coliform result read out of the 20 +/- 2 hour window on 11/9/2021. There were no NPDES Permit limit violations in November. However, on 11/3 TZ Osborne exceeded the Year One daily maximum 1,4-dioxane Compliance Value of 45 ug/l in EMC SOC WQ S19-010.