

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: 06-2021 (June 2021)

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	QY600	
							Continuous	5 X week	5 X week	5 X week	5 X week	2 X week	2 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	Y		29.66	23.5	7.5	< 14	< 0.1	3.75	6.2	8.18		
2		24	7	24	Y		29.27	23.9	7.4	< 14	< 0.1	< 2.5	1	8.04		
3		24	7	24	Y		31.06	24.4	7.5	< 14	< 0.1	2.7	3	8.02		
4		24	7	24	Y		30.07	24.5	7.6	< 14	< 0.1	3	37.3	7.98		
5		24	7	24	B		29.02									
6		24	7	24	B		29.08									
7		24	7	24	Y		31.24	25.7	7.7	< 14	< 0.1	< 2.5	6.78	7.78		
8		24	7	24	Y		30.58	25.4	7.6	< 14	0.155	< 2.5	1	7.79		
9		24	7	24	Y		33.47	25.4	7.6	< 14	< 0.1	< 2.5	31.3	7.84		
10		24	7	24	Y		32.14	25.7	7.6	< 14	< 0.1	< 2.5	19.9	7.81		
11		24	7	24	Y		33.69	25.6	7.6	< 14	< 0.1	< 2.5	75.4	7.69		
12		24	7	24	B		35.92									
13		24	7	24	B		30.41									
14		24	7	24	Y		31.76	25.5	7.7	< 14	< 0.1	< 2.5	6.25	7.87		
15		24	7	24	Y		30.79	25.6	7.7	< 14	< 0.1	< 2.5	365.4	7.81		
16		24	7	24	Y		26.47	25.5	7.6	< 14	< 0.1	< 2.5	1732.9	7.72		
17		24	7	24	Y		28.72	25.6	7.6	< 14	< 0.1	< 2.5	13.4	7.77		
18		24	7	24	B		32.16	H	H	H	H	H	H	H		
19		24	7	24	B		29.37									
20		24	7	24	B		29.68									
21		24	7	24	Y		30.09	26.3	7.7	< 14	< 0.1	< 2.5	4.62	7.7		
22		24	7	24	Y		30.67	26.2	7.6	< 14	0.118	< 2.5	3.1	7.74		
23		24	7	24	Y		29.14	25.7	7.7	< 14	< 0.1	< 2.5	4.1	7.76		
24		24	7	24	Y		29.61	25.7	7.5	< 14	< 0.1	< 2.5	4.1	7.74		
25		24	7	24	Y		30.72	25.4	7.5	< 14	< 0.1	< 2.5	31.5	7.79		
26		24	7	24	B		29.94									
27		24	7	24	B		30.15									
28		24	7	24	Y		29.83	27.5	7.5	< 14	< 0.1	< 2.5	> 2419.6	7.48		
29		24	7	24	Y		30.81	26.9	7.6	< 14	< 0.1	< 2.5	> 2419.6	7.58		
30		24	7	24	Y		32.42	26.9	7.6	< 14	< 0.1	< 2.5	108.1	7.58		
Monthly Average Limit:							40				2	30	200			
Monthly Average:							30.598	25.566667		0	0.013	0.45	23.390788	7.79381		
Daily Maximum:							35.92	27.5	7.7	0	0.155	3.75	2419.6	8.18		
Daily Minimum:							26.47	23.5	7.4	0	0	0	1	7.48		

**** 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: 06-2021 (June 2021)

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****	CO600	QM600	QY665	QM665	CO665	82388	80082	00630	00625	01147	01097
							Weekly	Monthly	Annually	Monthly	Weekly	Weekly	2 X week	Weekly	Weekly	Monthly	
							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	NO2&NO3	TOT KJEL	Se-TOTAL	ANTIMONY
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N	mg/l	lb/mon	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	5.09						2.73	< 2	2.75	2.34		
3		24	7	24	Y					7.66			< 2				
4		24	7	24	Y								3.79				
5		24	7	24	B												
6		24	7	24	B												
7		24	7	24	Y					0.537			< 2				
8		24	7	24	Y								< 2				
9		24	7	24	Y	3.51						20.4	< 2	1.1	2.41		
10		24	7	24	Y								< 2				
11		24	7	24	Y								< 2				
12		24	7	24	B												
13		24	7	24	B												
14		24	7	24	Y								2.23				
15		24	7	24	Y	2.89							< 2	0.66	2.23	< 1	1.3
16		24	7	24	Y							4.18	< 2				
17		24	7	24	Y					2.06							
18		24	7	24	B	H				H			H	H	H	H	H
19		24	7	24	B												
20		24	7	24	B												
21		24	7	24	Y								< 2				
22		24	7	24	Y					3.96			< 2				
23		24	7	24	Y	3.55						3.93	< 2	0.95	2.6		
24		24	7	24	Y								< 2				
25		24	7	24	Y								< 2				
26		24	7	24	B												
27		24	7	24	B												
28		24	7	24	Y								< 2				
29		24	7	24	Y								2.03				
30		24	7	24	Y	5.19	31003.9083		27207			615	2.21	2.44	2.75		
Monthly Average Limit:													4			5.2	
Monthly Average:							4.046	31003.9083		27207	3.55425	129.248	0.513	1.58	2.466	0	1.3
Daily Maximum:							5.19	31003.9083		27207	7.66	615	3.79	2.75	2.75	0	1.3
Daily Minimum:							2.89	31003.9083		27207	0.537	2.73	0	0.66	2.23	0	1.3

**** 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: 06-2021 (June 2021)

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****	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	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	B													
6		24	7	24	B													
7		24	7	24	Y													
8		24	7	24	Y													
9		24	7	24	Y													
10		24	7	24	Y													
11		24	7	24	Y													
12		24	7	24	B													
13		24	7	24	B													
14		24	7	24	Y													
15		24	7	24	Y		<2	<0.5	<0.15	3	<2	2			<0.5			8.2
16		24	7	24	Y													
17		24	7	24	Y													
18		24	7	24	B		H	H	H	H	H	H			H	H	H	
19		24	7	24	B													
20		24	7	24	B													
21		24	7	24	Y													
22		24	7	24	Y													
23		24	7	24	Y													
24		24	7	24	Y													
25		24	7	24	Y													
26		24	7	24	B													
27		24	7	24	B													
28		24	7	24	Y													
29		24	7	24	Y											0.004		
30		24	7	24	Y													
Monthly Average Limit:																		
Monthly Average:							0	0	0	3	0	2			0	0.004	8.2	
Daily Maximum:							0	0	0	3	0	2			0	0.004	8.2	
Daily Minimum:							0	0	0	3	0	2			0	0.004	8.2	

**** 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: 06-2021 (June 2021)

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***	TGP3B	01077	01059	01102	01152	01087	01092	
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N	Composite	Composite	Composite			Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite
						CERI/DPF	SILVER	THALLIUM			TIN	TITANIUM	VANADIUM	ZINC				
						pass/fail	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	24	Y												
2		24	7	24	24	Y												
3		24	7	24	24	Y												
4		24	7	24	24	Y												
5		24	7	24	24	B												
6		24	7	24	24	B												
7		24	7	24	24	Y												
8		24	7	24	24	Y												
9		24	7	24	24	Y												
10		24	7	24	24	Y												
11		24	7	24	24	Y												
12		24	7	24	24	B												
13		24	7	24	24	B												
14		24	7	24	24	Y												
15		24	7	24	24	Y	0	< 0.5			< 25	< 5	< 5	< 5			30	
16		24	7	24	24	Y												
17		24	7	24	24	Y												
18		24	7	24	24	B					H	H	H	H	H	H	H	
19		24	7	24	24	B												
20		24	7	24	24	B												
21		24	7	24	24	Y												
22		24	7	24	24	Y												
23		24	7	24	24	Y												
24		24	7	24	24	Y												
25		24	7	24	24	Y												
26		24	7	24	24	B												
27		24	7	24	24	B												
28		24	7	24	24	Y												
29		24	7	24	24	Y												
30		24	7	24	24	Y												
Monthly Average Limit:																		
Monthly Average:											0	0		0	0	0	0	30
Daily Maximum:											0	0		0	0	0	0	30
Daily Minimum:											0	0		0	0	0	0	30

*** 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: 06-2021 (June 2021)

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
				2 X week	2 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		206	263	20.1			
2		24		286	355	20.7			
3		24		327	439	23.7	17.76		
4		24		301	448	25.7			
5		24							
6		24							
7		24		252	397	24.1	8.74		
8		24		336	335	21.8			
9		24		282	419	26			
10		24		343	390	25.8			
11		24		271	366	21.6			
12		24							
13		24							
14		24		220	385	16.4			
15		24		296	302	17.9			
16		24		366	416	26.3			
17		24		258		25.7	15.38		
18		24		H	H	H	H		
19		24							
20		24							
21		24		230	304	24.5			
22		24		254	338	20.9	8.87		
23		24		309	335	26.2			
24		24		272	313	24			
25		24		269	380	27			
26		24							
27		24							
28		24		234	365	20.3			
29		24		226	358	18.3			
30		24		290	434	23.8		99.860267	99.837852
Monthly Average Limit:									
Monthly Average:				277.52381	367.1	22.895238	12.6875	99.860267	99.837852
Daily Maximum:				366	448	27	17.76	99.860267	99.837852
Daily Minimum:				206	263	16.4	8.74	99.860267	99.837852

**** 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: 06-2021 (June 2021)
COMPLIANCE STATUS: Compliant

PERMIT VERSION: 4.0
CLASS: WW-4
ORC: Bradley Todd Flynt
ORC HAS CHANGED: No
VERSION: 1.0
CONTACT PHONE #: 433-7262

PERMIT STATUS: Expired
COUNTY: Guilford
ORC CERT NUMBER: 27171
STATUS: Submitted
SUBMISSION DATE: 07/28/2021

Electronically Certified by Bradley Todd Flynt on 2021-07-28 14:01:18.24

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 2021-07-28 15:06:39.532

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: 06-2021 (June 2021)

VERSION: 1.0

STATUS: Submitted

Report Comments:

Data Qualifications-CBOD: Dilution water depleted >0.20 mg/l on 6/11, 6/14, 6/29, 6/30.