

NPDES PERMIT NO.: NC0047384
 FACILITY NAME: T.Z. Osborne WWTP
 OWNER NAME: City of Greensboro
 GRADE: WW-4.
 eDMR PERIOD: 04-2022 (April 2022)

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	CO600		
		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	5 X week	Weekly
		Recorder	Grab					Grab	Grab	Composite	Composite	Grab	Grab	Composite				
							FLOW	TEMP-C	pH	CHLORINE	NH3-N - Conc	TSS - Conc	FCOLI BR	DO	TOTAL N -			
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N		mgd	deg c	su	ug/l	mg/l	mg/l	#/100ml	mg/l	mg/l			
1		24	7	24	Y		38.77	19.2	7.6	< 14	1.45	4.4	2	8.93				
2		24	7	24	B		34											
3		24	7	24	B		33.33											
4		24	7	24	Y		33.07	18.7	7.6	< 14	< 0.1	3.9	1	8.86				
5		24	7	24	Y		37.39	19.1	7.6	< 14	< 0.1	4.71	< 1	8.96				
6		24	7	24	B		33.59	20.1	7.6	< 14	0.543	3.1	< 1	8.58	3.09			
7		24	7	24	B		34.92	20.9	7.7	< 14	1.03	2.7	2	8.53				
8		24	7	24	B		34.5	20.2	7.7	< 14	< 0.1	< 2.5	3.1	8.64				
9		24	7	24	B		33.11											
10		24	7	24	B		32.4											
11		24	7	24	Y		32.9	19.2	7.7	< 14	< 0.1	3.1	15.4	8.9				
12		24	7	24	Y		33.17	20.3	7.6	< 14	< 0.1	2.75	3.1	8.71				
13		24	7	24	Y		34.22	20.7	7.7	< 14	0.102	3.45	8.4	8.61	3.25			
14		24	7	24	Y		32.39	20.7	7.8	< 14	< 0.1	4.45	8.5	8.59				
15		24	7	24	Y		30.03	H	H	H	H	H	H	H	H			
16		24	7	24	B		30.18											
17		24	7	24	B		30.45											
18		24	7	24	Y		42.72	20.3	7.7	< 14	< 0.1	3.2	4	8.66				
19		24	7	24	Y		39.71	19.3	7.5	< 14	< 0.1	2.85	1	8.73	3.89			
20		24	7	24	Y		36.06	18.9	7.7	< 14	< 0.1	2.8	26.5	8.9				
21		24	7	24	Y		33.12	19.9	7.7	< 14	< 0.1	3.1	204.6	8.71				
22		24	7	24	Y		34.66	20.6	7.7	< 14	< 0.1	3.55	30.5	8.61				
23		24	7	24	B		32.67											
24		24	7	24	B		30.09											
25		24	7	24	Y		35.25	21.5	7.5	< 14	< 0.1	2.8	9.5	8.47				
26		24	7	24	Y		32.34	22	7.5	< 14	< 0.1	3.55	< 1	8.49				
27		24	7	24	Y		32.38	21.1	7.7	< 14	< 0.1	3.45	8.3	8.53	4.27			
28		24	7	24	Y		31.8	21.4	7.8	< 14	< 0.1		387.3	8.49				
29		24	7	24	Y		32.02	21.5	7.7	< 14	< 0.1	4.6	26.5	8.37				
30		24	7	24	B		31.04											
Monthly Average Limit:								56				2	30	200				
Monthly Average:								33.742667	20.28		0	0.15625	3.287368	6.572498	8.6635	3.625		
Daily Maximum:								42.72	22	7.8	0	1.45	4.71	387.3	8.96	4.27		
Daily Minimum:								30.03	18.7	7.5	0	0	0	0	8.37	3.09		

**** 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

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: 04-2022 (April 2022)

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****	QY600	QM600	CO665	QM665	QY665	82388	80082	01042	00630	00625	TGP3B	
							Annually	Monthly	Weekly	Monthly	Annually	Weekly	5 X week	Quarterly	Weekly	Weekly	Quarterly	
							Calculated	Calculated	Composite	Calculated	Calculated	Grab	Composite	Composite	Composite	Composite	Composite	
							TOTAL N -	TOTAL N -	TOTAL P -	Total P - Qty	Total P - Qty	14DIOXAN	CBOD 20C	COPPER	NO2&NO3	TOT KJEL	CERI7DPF	
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N		lbs/yr	lb/mon	mg/l	lb/mon	lbs/yr	ug/l	mg/l	ug/l	mg/l	mg/l	pass/fail	
1		24	7	24	Y								2.87					
2		24	7	24	B													
3		24	7	24	B													
4		24	7	24	Y								2.35					
5		24	7	24	Y			0.262				47.1	< 2					
6		24	7	24	B							19.25	2		0.73	2.36		
7		24	7	24	B								2.32					
8		24	7	24	B								3.29					
9		24	7	24	B													
10		24	7	24	B													
11		24	7	24	Y								2.67					
12		24	7	24	Y			0.688				2.52	2.37					
13		24	7	24	Y								< 2		0.96	2.29		
14		24	7	24	Y								2.5					
15		24	7	24	Y			H					H	H	H	H		
16		24	7	24	B													
17		24	7	24	B													
18		24	7	24	Y								2.27					
19		24	7	24	Y			0.628				2.45	< 2	3	1.97	1.92	0	
20		24	7	24	Y								< 2					
21		24	7	24	Y								< 2					
22		24	7	24	Y								< 2					
23		24	7	24	B													
24		24	7	24	B													
25		24	7	24	Y								< 2					
26		24	7	24	Y							3.72	< 2					
27		24	7	24	Y								< 2		1.54	2.73		
28		24	7	24	Y													
29		24	7	24	Y			0.395					2.04					
30		24	7	24	B													
Monthly Average Limit:													4					
Monthly Average:								30646.5726	0.49325	4162			15.008	1.298947	3	1.3	2.325	0
Daily Maximum:								30646.5726	0.688	4162			47.1	3.29	3	1.97	2.73	0
Daily Minimum:								30646.5726	0.262	4162			2.45	0	3	0.73	1.92	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****	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	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	Y																		
2		24	7	24	B																		
3		24	7	24	B																		
4		24	7	24	Y																		
5		24	7	24	Y																		
6		24	7	24	B																		
7		24	7	24	B																		
8		24	7	24	B																		
9		24	7	24	B																		
10		24	7	24	B																		
11		24	7	24	Y																		
12		24	7	24	Y																		
13		24	7	24	Y																		
14		24	7	24	Y																		
15		24	7	24	Y		H	H	H	H	H	H	H	H	H		H						
16		24	7	24	B																		
17		24	7	24	B																		
18		24	7	24	Y																		
19		24	7	24	Y		< 1	29	1.2	< 2	< 0.5	< 0.15	2	< 2	< 20	76	< 0.5						
20		24	7	24	Y																		
21		24	7	24	Y																		
22		24	7	24	Y																		
23		24	7	24	B																		
24		24	7	24	B																		
25		24	7	24	Y																		
26		24	7	24	Y																		
27		24	7	24	Y																		
28		24	7	24	Y																		
29		24	7	24	Y																		
30		24	7	24	B																		
Monthly Average Limit:							5.1																
Monthly Average:							0	29	1.2	0	0	0	2	0	0	76	0						
Daily Maximum:							0	29	1.2	0	0	0	2	0	0	76	0						
Daily Minimum:							0	29	1.2	0	0	0	2	0	0	76	0						

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 OWNER NAME: City of Greensboro
 GRADE: WW-4
 eDMR PERIOD: 04-2022 (April 2022)

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****	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	ug/l
1		24	7	24	Y								
2		24	7	24	B								
3		24	7	24	B								
4		24	7	24	Y								
5		24	7	24	Y		0.0016						
6		24	7	24	B								
7		24	7	24	B								
8		24	7	24	B								
9		24	7	24	B								
10		24	7	24	B								
11		24	7	24	Y								
12		24	7	24	Y								
13		24	7	24	Y								
14		24	7	24	Y								
15		24	7	24	Y		H	H	H	H	H	H	H
16		24	7	24	B								
17		24	7	24	B								
18		24	7	24	Y								
19		24	7	24	Y			12	< 0.5		< 25	9	< 5
20		24	7	24	Y								
21		24	7	24	Y								
22		24	7	24	Y								
23		24	7	24	B								
24		24	7	24	B								
25		24	7	24	Y								
26		24	7	24	Y								
27		24	7	24	Y								
28		24	7	24	Y								
29		24	7	24	Y								
30		24	7	24	B								
Monthly Average Limit:													
Monthly Average:							0.0016	12	0		0	9	0
Daily Maximum:							0.0016	12	0		0	9	0
Daily Minimum:							0.0016	12	0		0	9	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: 04-2022 (April 2022)

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		605	366	18.9			
2		24							
3		24							
4		24		348	278	19.8			
5		24		371	306	18.3	8.36		
6		24		323	373	22.7			
7		24		314	348	20.7			
8		24		248	332	20.8			
9		24							
10		24							
11		24		212	296	19.1			
12		24		246	253	19.2	8.31		
13		24		406	404	21.4			
14		24		543	477	21.7			
15		24		H	H	H	H		
16		24							
17		24							
18		24		263	292	20.4			
19		24		272	199	13.7	7.19		
20		24		257	238	16.4			
21		24		261	303	17.4			
22		24		298	332	18.1			
23		24							
24		24							
25		24		291	266	18			
26		24		315	257	19.1			
27		24		308	401	17.9			
28		24		408	380	18.4			
29		24		259	333	20.2	9.13		
30		24						99.596391	98.996133
Monthly Average Limit:									
Monthly Average:				327.4	321.7	19.11	8.2475	99.596391	98.996133
Daily Maximum:				605	477	22.7	9.13	99.596391	98.996133
Daily Minimum:				212	199	13.7	7.19	99.596391	98.996133

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FACILITY NAME: T.Z. Osborne WWTP
OWNER NAME: City of Greensboro
GRADE: WW-4
eDMR PERIOD: 04-2022 (April 2022)
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: 05/31/2022

Electronically Certified by Bradley Todd Flynt on 2022-05-31 13:19:45.838

ORC / Certifier Signature: Bradley Todd Flynt

Phone #: 3364337262

Date 5-31-22

5-31-22

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 2022-05-31 13:44:41.875

Permittee/Submitter Signature: ***Elijah Lamont Williams

Phone #: 336-373-4632

Date

5/31/2022

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-CBOD: Glucose/Glutamic Acid Std. out of range 4/4, 4/11-14, 4/18-20, 4/22; Dilution Water depleted >0.20 mg/l on 4/8, 4/14.