

NPDES PERMIT NO.: NC0047384

PERMIT VERSION: 5.0

PERMIT STATUS: Active

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: 10-2023 (October 2023)

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	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	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	B		30.55										
2		24	7	24	Y		32.11	27	7.6	< 14	<0.1	5.33	11.1	7.44			
3		24	7	24	Y		31.16	27	7.5	< 14	<0.1	5.4	6.3	7.18	4.73		
4		24	7	24	Y		30.51	27.3	7.5	< 14	<0.1	5.4	12.1	7.38			
5		24	7	24	Y		31.06	27.1	7.5	< 14	<0.1	7.27	9.6	7.28			
6		24	7	24	Y		31.06	27.1	7.5	< 14	<0.1	10.8	23.5	7.03			
7		24	7	24	B		30.02										
8		24	7	24	B		28.76										
9		24	7	24	Y		30.52	24.7	7.7	< 14	<0.1	5.79	19.4	7.68			
10		24	7	24	Y		29.48	25.1	7.5	< 14	<0.1		9.5	7.77			
11		24	7	24	Y		31.49	25.8	7.6	< 14	<0.1	6.33	14.6	7.93	4.31		
12		24	7	24	Y		29.09	26.3	7.6	< 14	<0.1		18.7	7.95			
13		24	7	24	Y		31.77	26.6	7.6	< 14	0.102	7.47	17.3	7.95			
14		24	7	24	B		34.18										
15		24	7	24	B		31.39										
16		24	7	24	Y		30.36	25.3	7.5	< 14	0.1	6.32	25.9	7.85			
17		24	7	24	Y		31.95	25.3	7.6	< 14	0.1	5.88	24.3	7.89			
18		24	7	24	Y		29.63	25.6	7.6	< 14	<0.1	5.18	17.1	7.87	4.32		
19		24	7	24	Y		30.36	24.9	7.7	< 14	<0.1	4.73	37.9	8.12			
20		24	7	24	Y		31.81	25.4	7.5	< 14	0.102	4.33	21.3	7.73			
21		24	7	24	B		30.07										
22		24	7	24	B		31.14										
23		24	7	24	Y		31.04	23.7	7.5	< 14	<0.1	4.28	60.7	7.99			
24		24	7	24	Y		30.46	24.9	7.6	< 14	<0.1	5.07	30.9	7.92			
25		24	7	24	Y		29.93	22.4	7.6	< 14	<0.1	5.6	33.1	8.38	3.48		
26		24	7	24	Y		32.87	24.1	7.5	< 14	<0.1	6	17.1	8.16			
27		24	7	24	Y		31.17	24.5	7.5	< 14	<0.1	6.82	30.9	8.17			
28		24	7	24	B		30.36										
29		24	7	24	B		31.3										
30		24	7	24	Y		31.32	25.1	7.7	< 14	<0.1	5.63	4.42	8.16			
31		24	7	24	Y		32.12	24.4	7.6	< 14	<0.1	3.88	< 1	8.08			
Monthly Average Limit:							56				0.82	30	200				
Monthly Average:							30.936774	25.436364		0	0.018364	5.8755	15.718143	7.814091	4.21		
Daily Maximum:							34.18	27.3	7.7	0	0.102	10.8	60.7	8.38	4.73		
Daily Minimum:							28.76	22.4	7.5	0	0	3.88	0	7.03	3.48		

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

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CLASS: WW-4

COUNTY: Guilford

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ORC: Bradley Todd Flynt

ORC CERT NUMBER: 27171

GRADE: WW-4

ORC HAS CHANGED: No

eDMR PERIOD: 10-2023 (October 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****	QM600	QV600	CO665	QM665	QV665	80082	01042	00630	00625	TGP3B	01147	
							Monthly	Annually	Weekly	Monthly	Annually	5 X week	Quarterly	Weekly	Weekly	Quarterly	Monthly	
							Calculated	Calculated	Composite	Calculated	Calculated	Composite	Composite	Composite	Composite	Composite	Composite	
							TOTAL N -	TOTAL N -	TOTAL P -	Total P - Qty	Total P - Qty	CBOD 20C	COPPER	NO2&NO3	TOT KJEL	CER17DPF	Se-TOTAL	
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N	lb/mon	lbs/yr	mg/l	lb/mon	lbs/yr	mg/l	ug/l	mg/l	mg/l	pass/fail	ug/l		
1		24	7	24	B													
2		24	7	24	Y							< 2						
3		24	7	24	Y			0.271				< 2	1.14	1.62	3.11	0	< 5	
4		24	7	24	Y							< 2						
5		24	7	24	Y							< 2						
6		24	7	24	Y							2.32						
7		24	7	24	B													
8		24	7	24	B													
9		24	7	24	Y							3.02						
10		24	7	24	Y			0.388				< 2						
11		24	7	24	Y							< 2		1.78	2.53			
12		24	7	24	Y							< 2						
13		24	7	24	Y							< 2						
14		24	7	24	B													
15		24	7	24	B													
16		24	7	24	Y							< 2						
17		24	7	24	Y			0.428				< 2						
18		24	7	24	Y							< 2		2.35	1.97			
19		24	7	24	Y							< 2						
20		24	7	24	Y							< 2						
21		24	7	24	B													
22		24	7	24	B													
23		24	7	24	Y							< 2						
24		24	7	24	Y			0.297				< 2						
25		24	7	24	Y							< 2		1.11	2.37			
26		24	7	24	Y							< 2						
27		24	7	24	Y							< 2						
28		24	7	24	B													
29		24	7	24	B													
30		24	7	24	Y							< 2						
31		24	7	24	Y		33671.8326		0.244	2607		< 2						
Monthly Average Limit:												4					5.1	
Monthly Average:							33671.8326		0.3256	2607		0.242727	1.14	1.715	2.495	0	0	
Daily Maximum:							33671.8326		0.428	2607		3.02	1.14	2.35	3.11	0	0	
Daily Minimum:							33671.8326		0.244	2607		0	1.14	1.11	1.97	0	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****	01092	82388	01097	01002	01012	01027	01034	01037	00720	00900	01051					
							Quarterly															
							Composite	Grab	Composite	Composite	Composite	Composite	Composite	Composite	Grab	Composite	Composite					
							ZINC	14DIOXAN	ANTIMONY	AS-TOTAL	BERYLIUM	CADMUM	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	Y																	
3		24	7	24	Y		46.2	4.51	1.8	< 2	< 0.5	< 0.5	< 5	< 2	< 20	116	1.54					
4		24	7	24	Y																	
5		24	7	24	Y																	
6		24	7	24	Y																	
7		24	7	24	B																	
8		24	7	24	B																	
9		24	7	24	Y																	
10		24	7	24	Y			4.4														
11		24	7	24	Y																	
12		24	7	24	Y																	
13		24	7	24	Y																	
14		24	7	24	B																	
15		24	7	24	B																	
16		24	7	24	Y																	
17		24	7	24	Y			3.96														
18		24	7	24	Y																	
19		24	7	24	Y																	
20		24	7	24	Y																	
21		24	7	24	B																	
22		24	7	24	B																	
23		24	7	24	Y																	
24		24	7	24	Y			4.97														
25		24	7	24	Y																	
26		24	7	24	Y																	
27		24	7	24	Y																	
28		24	7	24	B																	
29		24	7	24	B																	
30		24	7	24	Y																	
31		24	7	24	Y			3.42														
Monthly Average Limit:																						
Monthly Average:							46.2	4.252	1.8	0	0	0	0	0	0	0	116	1.54				
Daily Maximum:							46.2	4.97	1.8	0	0	0	0	0	0	116	1.54					
Daily Minimum:							46.2	3.42	1.8	0	0	0	0	0	0	116	1.54					

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

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PERMIT STATUS: Active

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: 10-2023 (October 2023)

VERSION: 1.0

STATUS: Submitted

SAMPLING LOCATION: EFFLUENT DISCHARGE NO.: 001 NO DISCHARGE*: NO (Continue)

Date	Composite Sample Time 2400 clock	Total Composite Time Hrs	Operator Arrival Time 2400 clock	Operator Time On Site Hrs	ORC On Site*** Y/B/N	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
							ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1		24	7	24	B								
2		24	7	24	Y								
3		24	7	24	Y		11.1	< 1		< 25	28	5	
4		24	7	24	Y								
5		24	7	24	Y								
6		24	7	24	Y								
7		24	7	24	B								
8		24	7	24	B								
9		24	7	24	Y								
10		24	7	24	Y								
11		24	7	24	Y								
12		24	7	24	Y								
13		24	7	24	Y								
14		24	7	24	B								
15		24	7	24	B								
16		24	7	24	Y								
17		24	7	24	Y								
18		24	7	24	Y								
19		24	7	24	Y								
20		24	7	24	Y								
21		24	7	24	B								
22		24	7	24	B								
23		24	7	24	Y								
24		24	7	24	Y								
25		24	7	24	Y								
26		24	7	24	Y								
27		24	7	24	Y		0.0022						
28		24	7	24	B								
29		24	7	24	B								
30		24	7	24	Y								
31		24	7	24	Y								
Monthly Average Limit:													
Monthly Average:							0.0022	11.1	0		0	28	5
Daily Maximum:							0.0022	11.1	0		0	28	5
Daily Minimum:							0.0022	11.1	0		0	28	5

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NPDES PERMIT NO.: NC0047384

PERMIT VERSION: 5.0

PERMIT STATUS: Active

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: 10-2023 (October 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		324	347	21.8			
3		24		291	250	23	8.41		
4		24		312	281	22.7			
5		24		301	313	24.1			
6		24		209	398	22.6			
7		24							
8		24							
9		24		115	275	20.7			
10		24			238	19.3	7.66		
11		24		264	453	27.7			
12		24			420	30			
13		24		320	394	26.7			
14		24							
15		24							
16		24		276	283	17.7			
17		24		267	308	20.4	10.96		
18		24		350	487	22.1			
19		24		261	380	21.3			
20		24		298	293	23.4			
21		24							
22		24							
23		24		260	270	19.8			
24		24		252	266	19	13.01		
25		24		340	356	22.8			
26		24		357	431	23.4			
27		24		310	313	20.5			
28		24							
29		24							
30		24		262	406	18.9			
31		24		250	282	19.3	9.25	99.928276	97.909238
Monthly Average Limit:									
Monthly Average:				280.95	338.363636	22.145455	9.858	99.928276	97.909238
Daily Maximum:				357	487	30	13.01	99.928276	97.909238
Daily Minimum:				115	238	17.7	7.66	99.928276	97.909238

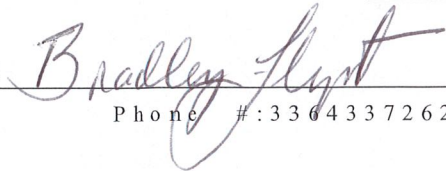
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FACILITY NAME: T.Z. Osborne WWTP
OWNER NAME: City of Greensboro
GRADE: WW-4.
eDMR PERIOD: 10-2023 (October 2023)
COMPLIANCE STATUS: Compliant

PERMIT VERSION: 5.0
CLASS: WW-4.
ORC: Bradley Todd Flynt
ORC HAS CHANGED: No
VERSION: 1.0
CONTACT PHONE #: 4337262

PERMIT STATUS: Active
COUNTY: Guilford
ORC CERT NUMBER: 27171
STATUS: Submitted
SUBMISSION DATE: 11/27/2023

Electronically Certified by Bradley Todd Flynt on 2023-11-27 15:53:14.408

 11-29-23
ORC/Certifier Signature: Bradley Todd Flynt Phone #: 3364337262 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 2023-11-27 16:06:08.129

 11/29/2023

Permittee/Submitter Signature: ***Elijah Lamont Williams Phone #: 336-373-4632 Date

Permittee Address: 2350 Huffin Mill Rd Mc Leansville NC 273019304

Permit Expiration Date: 12/31/2023

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 - G/G out of range on 10/3-5 and 10/23-25, Blank >0.20 on 10/20 and 10/30.