

NPDES PERMIT NO.: NC0047384

FACILITY NAME: T.Z. Osborne WWTP

OWNER NAME: City of Greensboro

GRADE: WW-4

eDMR PERIOD: 03-2023 (March 2023)

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

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	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		31.97	19.9	7.64	< 14	< 0.1	3.6	9.7	9.28			
2		24	7	24	B		41.68	20.3	7.6	< 14	< 0.1	3.35	11	8.72			
3		24	7	24	Y		39.73	19.9	7.5	< 14	< 0.1	3.55	12	8.61			
4		24	7	24	B		38.44										
5		24	7	24	B		36.81										
6		24	7	24	Y		33.15	19.9	7.6	< 14	< 0.1	3.5	3.6	9.14			
7		24	7	24	Y		35.68	20.3	7.4	< 14	< 0.1	3.3	1	8.52			
8		24	7	24	Y		33.74	19.5	7.4	< 14	< 0.1	3.3	3.1	8.7			
9		24	7	24	Y		32.4	20	7.5	< 14	< 0.1	3.8	8.6	8.5			
10		24	7	24	Y		34.47	20.7	7.6	< 14	< 0.1	5.45	12	8.86			
11		24	7	24	B		34.63										
12		24	7	24	B		34.34										
13		24	7	24	Y		32.72	18.7	7.5	< 14	< 0.1	6.14	34.1	8.82			
14		24	7	24	Y		34.23	18.7	7.4	< 14	< 0.1	5.54	6.3	8.81			
15		24	7	24	Y		33.27	17	7.5	< 14	< 0.1	5.75	6.3	8.99			
16		24	7	24	Y		33.23	17.2	7.6	< 14	< 0.1	6.2	> 2419.6	9.02			
17		24	7	24	Y		34.65	18.9	7.6	< 14	< 0.1	6.93	> 2419.6	9.11			
18		24	7	24	B		36.27										
19		24	7	24	B		33.36										
20		24	7	24	Y		33.04	17.6	7.5	< 14	< 0.1	4.85	5.5	8.96			
21		24	7	24	Y		33.76	18.1	7.4	< 14	< 0.1	3.54	13.5	8.63			
22		24	7	24	Y		34.23	19.1	7.5	< 14	< 0.1	5.27	36.9	9.15			
23		24	7	24	Y		33.11	19.9	7.5	< 14	0.168	5.8	5.2	8.51			
24		24	7	24	Y		33.44	20.4	7.5	< 14	0.295	6.67	5.2	8.77			
25		24	7	24	B		36.32										
26		24	7	24	B		31.39										
27		24	7	24	Y		36.49	21	7.5	< 14	< 0.1	6	19.7	8.42			
28		24	7	24	Y		34.55	20.7	7.4	< 14	< 0.1	5.34	4.1	8.61			
29		24	7	24	Y		33.5	20	7.5	< 14	0.121	4.93	5.2	9.16			
30		24	7	24	Y		32.29	19.4	7.5	< 14	0.181	5.08	12	8.72			
31		24	7	24	Y		35.24	20.2	7.5	< 14	0.133	6.07	12.2	8.58	29238.09678		
Monthly Average Limit:							56				4	30	200				
Monthly Average:							34.584839	19.452174		0	0.039043	4.954783	13.137952	8.808261	29238.09678		
Daily Maximum:							41.68	21	7.64	0	0.295	6.93	2419.6	9.28	29238.09678		
Daily Minimum:							31.39	17	7.4	0	0	3.3	1	8.42	29238.09678		

**** 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: 03-2023 (March 2023)

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***	QV600	CO600	CO665	QM665	QY665	82388	80082	00630	00625	01147	01097
							Annually	Weekly	Weekly	Monthly	Annually	Weekly	5 X week	Weekly	Weekly	Monthly	
							Calculated	Composite	Composite	Calculated	Calculated	Grab	Composite	Composite	Composite	Composite	Composite
							TOTAL N -	TOTAL N -	TOTAL P -	Total P - Qty	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	mg/l	lb/mon	lbs/yr	ug/l	mg/l	mg/l	mg/l	ug/l	ug/l	
1		24	7	24	Y		2.19					<2	0.21	1.98			
2		24	7	24	B							<2					
3		24	7	24	Y							2.41					
4		24	7	24	B												
5		24	7	24	B												
6		24	7	24	Y							<2					
7		24	7	24	Y			0.134			4.14	<2					
8		24	7	24	Y		2.43					<2	0.31	2.12			
9		24	7	24	Y							<2			<1		
10		24	7	24	Y							2.34					
11		24	7	24	B												
12		24	7	24	B												
13		24	7	24	Y							2.03					
14		24	7	24	Y			0.167			2.76	<2					
15		24	7	24	Y		3.9					<2	1.6	2.3			
16		24	7	24	Y							2.52					
17		24	7	24	Y							2.81					
18		24	7	24	B												
19		24	7	24	B												
20		24	7	24	Y							<2					
21		24	7	24	Y						2.62	<2					
22		24	7	24	Y		2.73					2.09	0.35	2.38			
23		24	7	24	Y			0.18				2.9					
24		24	7	24	Y							2.44					
25		24	7	24	B												
26		24	7	24	B												
27		24	7	24	Y							2					
28		24	7	24	Y			0.18			2.42	<2					
29		24	7	24	Y		5.1					<2	0.47	4.63			
30		24	7	24	Y							<2					
31		24	7	24	Y				1475			<2					
Monthly Average Limit:												8			5.1		
Monthly Average:								3.27	0.16525	1475		2.985	0.936522	0.588	2.682	0	
Daily Maximum:								5.1	0.18	1475		4.14	2.9	1.6	4.63	0	
Daily Minimum:								2.19	0.134	1475		2.42	0	0.21	1.98	0	

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ORC: Bradley Todd Flynt

ORC CERT NUMBER: 27171

GRADE: WW-4.

ORC HAS CHANGED: No

eDMR PERIOD: 03-2023 (March 2023)

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	ug/l	
1		24	7	24	Y													
2		24	7	24	B													
3		24	7	24	Y													
4		24	7	24	B													
5		24	7	24	B													
6		24	7	24	Y													
7		24	7	24	Y													
8		24	7	24	Y													
9		24	7	24	Y		<2		<0.15	4		2			0.6			12.2
10		24	7	24	Y													
11		24	7	24	B													
12		24	7	24	B													
13		24	7	24	Y													
14		24	7	24	Y													
15		24	7	24	Y													
16		24	7	24	Y													
17		24	7	24	Y													
18		24	7	24	B													
19		24	7	24	B													
20		24	7	24	Y													
21		24	7	24	Y													
22		24	7	24	Y													
23		24	7	24	Y													
24		24	7	24	Y													
25		24	7	24	B													
26		24	7	24	B													
27		24	7	24	Y													
28		24	7	24	Y													
29		24	7	24	Y													
30		24	7	24	Y													
31		24	7	24	Y												0.0018	
Monthly Average Limit:																		
Monthly Average:							0		0	4		2				0.6	0.0018	12.2
Daily Maximum:							0		0	4		2				0.6	0.0018	12.2
Daily Minimum:							0		0	4		2				0.6	0.0018	12.2

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

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 FACILITY NAME: T.Z. Osborne WWTP
 OWNER NAME: City of Greensboro
 GRADE: WW-4
 eDMR PERIOD: 03-2023 (March 2023)

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	
	2400 clock	Hrs	2400 clock	Hrs					Y/B/N	pass/fail	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	Composite	Composite	Composite	Composite					Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite
CER17DPF	SILVER	THALLIUM	TIN	TITANIUM	VANADIUM	ZINC										
1		24	7	24	Y											
2		24	7	24	B											
3		24	7	24	Y											
4		24	7	24	B											
5		24	7	24	B											
6		24	7	24	Y											
7		24	7	24	Y											
8		24	7	24	Y											
9		24	7	24	Y				< 0.5						49	
10		24	7	24	Y											
11		24	7	24	B											
12		24	7	24	B											
13		24	7	24	Y											
14		24	7	24	Y											
15		24	7	24	Y											
16		24	7	24	Y											
17		24	7	24	Y											
18		24	7	24	B											
19		24	7	24	B											
20		24	7	24	Y											
21		24	7	24	Y											
22		24	7	24	Y											
23		24	7	24	Y											
24		24	7	24	Y											
25		24	7	24	B											
26		24	7	24	B											
27		24	7	24	Y											
28		24	7	24	Y											
29		24	7	24	Y											
30		24	7	24	Y											
31		24	7	24	Y											
Monthly Average Limit:																
Monthly Average:										0					49	
Daily Maximum:										0					49	
Daily Minimum:										0					49	

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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: 03-2023 (March 2023)

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		324	460	28.1			
2		24		349	533	26.3			
3		24		263	418	24.4			
4		24							
5		24							
6		24		286	302	20.6			
7		24		311	438	22.3	8.17		
8		24		266	377	25.6			
9		24		365	465	26.2			
10		24		223	484	29.9			
11		24							
12		24							
13		24		246	333	25.8			
14		24		259	403	25.2	7.6		
15		24		308	356	27.4			
16		24		401	637	30.8			
17		24		402	444	29.4			
18		24							
19		24							
20		24		221	340	24.6			
21		24		283	281	22			
22		24		356	435	24.8			
23		24		352	422	26.5	6.85		
24		24		313	444	23.7			
25		24							
26		24							
27		24		247	486	27.4			
28		24		336	479	48.9	8.64		
29		24		274	393	28.2			
30		24		271	422	27.2			
31		24		282	480	31		99.780904	98.357202
Monthly Average Limit:									
Monthly Average:				301.652174	427.478261	27.230435	7.815	99.780904	98.357202
Daily Maximum:				402	637	48.9	8.64	99.780904	98.357202
Daily Minimum:				221	281	20.6	6.85	99.780904	98.357202

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FACILITY NAME: T.Z. Osborne WWTP
OWNER NAME: City of Greensboro
GRADE: WW-4
eDMR PERIOD: 03-2023 (March 2023)
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: 05/03/2023

Electronically Certified by Bradley Todd Flynt on 2023-05-03 07:55:23.721

ORC/Certifier Signature: Bradley Todd Flynt

Phone #: 3364337262

Date 5-5-23

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 I.E.6 of the NPDES permit.

Electronically Signed by Elijah Lamont Williams on 2023-05-03 08:38:13.852

Permittee/Submitter Signature: ***Elijah Lamont Williams

Phone #: 336-373-4632

Date 5/5/2023

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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VERSION: 2.0

STATUS: Submitted

Report Comments:

Data Qualifications - Blank depleted >0.20 mg/l on 3/27

Revision - 3/1/23 TN data did not pull over from the database to the eDMR. This changed the total pounds/month from 31652 to 29238.