

NPDES PERMIT NO.: NC0047384

PERMIT VERSION: 4.0

PERMIT STATUS: Inactive

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: 08-2023 (August 2023)

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	CO600		
		2400 clock	Hrs	2400 clock	Hrs	Y/B/S	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	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 -			
										mgd	deg c	su	ug/l	mg/l	mg/l	#/100ml	mg/l	mg/l		
1		24	7	24	7	24	7	Y		30.45	27.4	7.5	< 14	0.186	4.8	80	7.21			
2		24	7	24	7	24	7	Y		29.15	28.7	7.6	< 14	< 0.1	5.67	13	7.4	3.21		
3		24	7	24	7	24	7	Y		31.71	28.1	7.5	< 14	0.106	7.6	16	7.29			
4		24	7	24	7	24	7	Y		32.7	28	7.6	< 14	0.106	7.93	40	7.34			
5		24	7	24	7	24	7	B		29.78										
6		24	7	24	7	24	7	B		30.39										
7		24	7	24	7	24	7	Y		30.49	27.8	7.6	< 14	< 0.1	9.02	42	7.43			
8		24	7	24	7	24	7	Y		27.24	27.9	7.4	< 14	< 0.1	6.87	14	7.34			
9		24	7	24	7	24	7	Y		30.62	27.9	7.4	< 14	< 0.1	5.6	22	7.54	8.43		
10		24	7	24	7	24	7	B		33.4	28	7.5	< 14	< 0.1	4.87	18	7.32			
11		24	7	24	7	24	7	Y		30.82	28	7.5	< 14	0.111	6	10	7.73			
12		24	7	24	7	24	7	B		28.76										
13		24	7	24	7	24	7	B		30.02										
14		24	7	24	7	24	7	Y		31.35	29	7.5	< 14	0.11	7.47	30	7.53			
15		24	7	24	7	24	7	Y		31.71	28.4	7.5	< 14	0.114	6.07	6	7.49			
16		24	7	24	7	24	7	Y		29.67	28.9	7.5	< 14	0.207	6.87	30	7.8	4.44		
17		24	7	24	7	24	7	B		30.54	29.2	7.7	< 14	0.108	6.76	31	7.65			
18		24	7	24	7	24	7	Y		31.8	29.1	7.6	< 14	< 0.1	7.14	25	7.36			
19		24	7	24	7	24	7	B		28.94										
20		24	7	24	7	24	7	B		29.64										
21		24	7	24	7	24	7	Y		29.63	28.6	7.6	< 14	< 0.1	6.14	31	7.31			
22		24	7	24	7	24	7	Y		31.33	28.6	7.5	< 14	< 0.1	5.25	5	7.39			
23		24	7	24	7	24	7	Y		31.83	28.4	7.5	< 14	< 0.1	4.63	22	7.37	3.85		
24		24	7	24	7	24	7	Y		32.83	28.4	7.6	< 14	< 0.1	5.33	50	7.34			
25		24	7	24	7	24	7	Y		34.39	28.9	7.6	< 14	0.436	7.07	5	7.42			
26		24	7	24	7	24	7	B		31.68										
27		24	7	24	7	24	7	B		30.09										
28		24	7	24	7	24	7	Y		36.18	28.7	7.6	30	< 0.1	5.55	70	7.71			
29		24	7	24	7	24	7	Y		33.31	28.4	7.6	15	< 0.1	4.65	41	7.16			
30		24	7	24	7	24	7	Y		34.19	28.5	7.7	< 14	< 0.1	6	240	7.54	2.99		
31		24	7	24	7	24	7	Y		31.41	28.2	7.7	< 14	< 0.1	5.41	70	7.52			
Monthly Average Limit:										56				2	30	200				
Monthly Average:										31.162903	28.395652		1.956522	0.064522	6.204348	25.693324	7.443043	4.584		
Daily Maximum:										36.18	29.2	7.7	30	0.436	9.02	240	7.8	8.43		
Daily Minimum:										27.24	27.4	7.4	0	0	4.63	5	7.16	2.99		

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NPDES PERMIT NO.: NC0047384

FACILITY NAME: T.Z. Osborne WWTP

OWNER NAME: City of Greensboro

GRADE: WW-4

eDMR PERIOD: 08-2023 (August 2023)

PERMIT VERSION: 4.0

CLASS: WW-4

ORC: Bradley Todd Flynt

ORC HAS CHANGED: No

VERSION: 2.0

PERMIT STATUS: Inactive

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***	QM600	QY600	CO665	QM665	QY665	80882	00630	00625	01147	82388	01097	
							Monthly	Annually	Weekly	Monthly	Annually	5 X week	Weekly	Weekly	Monthly			
							Calculated	Calculated	Composite	Calculated	Calculated	Composite	Composite	Composite	Composite	Grab	Composite	
							TOTAL N -	TOTAL N -	TOTAL P -	Total P - Qty	Total P - Qty	CBOD 20C	NO2&NO3	TOT KJEL	Se-TOTAL	14DIOXAN	ANTIMONY	
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N		lb/mon	lbs/yr	mg/l	lb/mon	lbs/yr	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	
1		24	7	24	Y				0.862			<2				2.37		
2		24	7	24	Y							<2	0.74	2.47				
3		24	7	24	Y							<2						
4		24	7	24	Y							<2						
5		24	7	24	B													
6		24	7	24	B													
7		24	7	24	Y							2.02						
8		24	7	24	Y							2.57				1.95		
9		24	7	24	Y			1.19				<2	5.77	2.66	<5			
10		24	7	24	B							<2						
11		24	7	24	Y							2.18						
12		24	7	24	B													
13		24	7	24	B													
14		24	7	24	Y							2.14						
15		24	7	24	Y			0.632				<2				3.02		
16		24	7	24	Y							<2	1.25	3.19				
17		24	7	24	B							<2						
18		24	7	24	Y							2.03						
19		24	7	24	B													
20		24	7	24	B													
21		24	7	24	Y							<2						
22		24	7	24	Y			0.745				<2				3.32		
23		24	7	24	Y							<2	0.86	2.99				
24		24	7	24	Y							<2						
25		24	7	24	Y							2.7						
26		24	7	24	B													
27		24	7	24	B													
28		24	7	24	Y							<2						
29		24	7	24	Y			0.911				<2				4.63		
30		24	7	24	Y							<2	0.42	2.57				
31		24	7	24	Y		36902.3149		6994		5.76							
Monthly Average Limit:												4			5.1			
Monthly Average:							36902.3149		0.868	6994		0.843478	1.808	2.776	0	3.058		
Daily Maximum:							36902.3149		1.19	6994		5.76	5.77	3.19	0	4.63		
Daily Minimum:							36902.3149		0.632	6994		0	0.42	2.47	0	1.95		

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NPDES PERMIT NO.: NC0047384
 FACILITY NAME: T.Z. Osborne WWTP
 OWNER NAME: City of Greensboro
 GRADE: WW-4.
 eDMR PERIOD: 08-2023 (August 2023)

PERMIT VERSION: 4.0
 CLASS: WW-4.
 ORC: Bradley Todd Flynt
 ORC HAS CHANGED: No
 VERSION: 2.0

PERMIT STATUS: Inactive
 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***	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											0.00695		
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		< 2		< 0.5	< 5		2.76			< 2			12.4
10		24	7	24	B													
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													
16		24	7	24	Y													
17		24	7	24	B													
18		24	7	24	Y													
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													
30		24	7	24	Y													
31		24	7	24	Y													
Monthly Average Limit:																		
Monthly Average:							0		0	0		2.76			0		0.00695	12.4
Daily Maximum:							0		0	0		2.76			0		0.00695	12.4
Daily Minimum:							0		0	0		2.76			0		0.00695	12.4

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PERMIT STATUS: Inactive

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: 08-2023 (August 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****	TGP3B	01077	01059	01102	01152	01087	01092		
		Hrs	2400 clock	Hrs	2400 clock				Hrs	Y/B/N	Composite	Composite	Composite	Composite	Composite	Composite	Composite
		CER17DPF	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	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				< 1						50.2		
10		24	7	24	B												
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												
16		24	7	24	Y												
17		24	7	24	B												
18		24	7	24	Y												
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												
30		24	7	24	Y												
31		24	7	24	Y												
Monthly Average Limit:																	
Monthly Average:										0					50.2		
Daily Maximum:										0					50.2		
Daily Minimum:										0					50.2		

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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: 08-2023 (August 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		499	333	21.5	9.17		
2		24		492	401	21.5			
3		24		454	338	25.3			
4		24		305	349	25.5			
5		24							
6		24							
7		24		392	324	22.6			
8		24		333	251	21.1			
9		24		308	321	23	15.63		
10		24		338	380	22.1			
11		24		398	511	22.5			
12		24							
13		24							
14		24		283	316	23.8			
15		24		283	282	21.4	6.93		
16		24		342	393	24			
17		24		351	400	26			
18		24		308	556	23.8			
19		24							
20		24							
21		24		269	316	22.5			
22		24		295	292	22.2	8.41		
23		24		445	396	23			
24		24		601	439	22.5			
25		24		502	527	20.8			
26		24							
27		24							
28		24		288	268	17.5			
29		24		302	303	18.9	7.05		
30		24		354	463	21.3			
31		24		312	322	22.2		99.77126	98.31184
Monthly Average Limit:									
Monthly Average:				367.565217	368.73913	22.391304	9.438	99.77126	98.31184
Daily Maximum:				601	556	26	15.63	99.77126	98.31184
Daily Minimum:				269	251	17.5	6.93	99.77126	98.31184

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FACILITY NAME: T.Z. Osborne WWTP
OWNER NAME: City of Greensboro
GRADE: WW-4
eDMR PERIOD: 08-2023 (August 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: Inactive
COUNTY: Guilford
ORC CERT NUMBER: 27171
STATUS: Submitted
SUBMISSION DATE: 10/16/2023

Electronically Certified by Bradley Todd Flynt on 2023-10-16 13:50:11.215



10-26-23

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 I.E.6 of the NPDES permit.

Electronically Signed by Elijah Lamont Williams on 2023-10-16 14:05:38.667



10/24/2023

Permittee/Submitter Signature: ***Elijah Lamont Williams

Phone #: 336-373-4632

Date

Permittee Address: 2350 Huffin Mill Rd Mc Leansville NC 273019304

Permit Expiration Date: 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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STATUS: Submitted

Report Comments:

Data Qualifications - CBOD - G/G out of range on 8/24, Blank out of >0.20 on 8/25 and G/G and Blank out of range on 8/28. TP - 8/1 matrix spike recovery low, all other

QA/QC in range. Weight change for TZO Inf TSS on 8/3 was >5 mg/l (0.0006 mg/l).

This eDMR is being revised to add LL Hg data for 8/3/2023. The outside laboratory was having instrumentation issues.