

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: 08-2021 (August 2021)

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	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	FCOLI BR	DO	TOTAL N - Qty			
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N													
1		24	7	24	B		29.09											
2		24	7	24	Y		32.12	27.8	7.8	< 14	0.107	< 2.5	14.6	7.37				
3		24	7	24	Y		29.04	27.5	7.8	< 14	< 0.1	< 2.5	2	7.5				
4		24	7	24	Y		29.3	27.4	7.9	< 14	< 0.1	< 2.5	13.4	7.41				
5		24	7	24	Y		28.17	27.2	7.9	< 14	< 0.1	< 2.5	6.3	7.73				
6		24	7	24	Y		30.54	27.5	7.9	< 14	< 0.1	< 2.5	12.1	7.45				
7		24	7	24	B		32.47											
8		24	7	24	B		31.21											
9		24	7	24	Y		29.96	27.8	7.8	< 14	0.113	< 2.5	6.3	7.42				
10		24	7	24	Y		32.72	28	7.7	< 14	< 0.1	< 2.5	2	7.38				
11		24	7	24	Y		29.32	28.1	7.6	< 14	0.572	2.75	1	7.35				
12		24	7	24	Y		30.13	27.9	7.9	< 14	0.506	< 2.5	228.2	7.37				
13		24	7	24	Y		30.34	27.8	7.9	< 14	< 0.1	< 2.5	79.8	7.43				
14		24	7	24	B		32.9											
15		24	7	24	B		36.25											
16		24	7	24	Y		37.29	27.8	7.8	< 14	0.108	< 2.5	1.8	7.3				
17		24	7	24	Y		34.46	28	7.7	< 14	< 0.1	< 2.5	5.2	7.32				
18		24	7	24	Y		33.96	28.2	7.7	< 14	0.1	< 2.5	3	7.53				
19		24	7	24	Y		31.79	23.3	7.7	< 14	0.105	< 2.5	5.2	7.24				
20		24	7	24	Y		32.44	28.6	7.6	< 14	0.109	< 2.5	5.2	7.31				
21		24	7	24	B		31.15											
22		24	7	24	B		29.77											
23		24	7	24	Y		31.49	28.8	7.6	< 14	0.104	< 2.5	10.6	7.2				
24		24	7	24	Y		31.7	29.2	7.6	< 14	< 0.1	< 2.5	7.4	7.21				
25		24	7	24	Y		31.53	29.6	7.6	< 14	< 0.1	< 2.5	19.1	7.35				
26		24	7	24	Y		32.33	29.6	7.6	< 14	< 0.1	< 2.5	6.3	7.18				
27		24	7	24	Y		28.33	29.8	7.6	< 14	0.115	< 2.5	2419.6	7.07				
28		24	7	24	B		32.36											
29		24	7	24	B		26.95											
30		24	7	24	Y		31.84	29.6	7.6	< 14	0.105	< 2.5	18.5	7.15				
31		24	7	24	Y		32.74	29.6	7.4	< 14	< 0.1	3	6.3	7.16	28665.92274			
Monthly Average Limit:							56				2	30	200					
Monthly Average:							31.409355	28.140909		0	0.092909	0.261364	10.148535	7.337727	28665.92274			
Daily Maximum:							37.29	29.8	7.9	0	0.572	3	2419.6	7.73	28665.92274			
Daily Minimum:							26.95	23.3	7.4	0	0	0	1	7.07	28665.92274			

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

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ORC: Bradley Todd Flynt

ORC CERT NUMBER: 27171

GRADE: WW-4

ORC HAS CHANGED: No

oDMR PERIOD: 08-2021 (August 2021)

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***	CO600	QY600	CO665	QM665	QY665	82388	80082	00630	00625	01147	01097		
							Weekly	Annually	Weekly	Monthly	Annually	Weekly	5 X week	Weekly	Weekly	Monthly			
							Composite	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	NO2&NO3	TOT KJEL	Se-TOTAL	ANTIMONY		
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N	mg/l	lbs/yr	mg/l	lb/mon	lbs/yr	ug/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l		
1		24	7	24	B														
2		24	7	24	Y			0.385					< 2						
3		24	7	24	Y			0.427					< 2						
4		24	7	24	Y		2.43					10.05	< 2	0.41	2.02	< 1			
5		24	7	24	Y			0.558					2.47						
6		24	7	24	Y			0.552					< 2						
7		24	7	24	B														
8		24	7	24	B														
9		24	7	24	Y								< 2						
10		24	7	24	Y								< 2						
11		24	7	24	Y		3.37					6.62	2.4	0.63	2.74				
12		24	7	24	Y			0.536					2.1						
13		24	7	24	Y								2.08						
14		24	7	24	B														
15		24	7	24	B														
16		24	7	24	Y								2.46						
17		24	7	24	Y			0.655					< 2						
18		24	7	24	Y		3.07					5.12	< 2	0.94	2.13				
19		24	7	24	Y								< 2						
20		24	7	24	Y								2.15						
21		24	7	24	B														
22		24	7	24	B														
23		24	7	24	Y								< 2						
24		24	7	24	Y								< 2						
25		24	7	24	Y		5.24					5.42	< 2	2.7	2.54				
26		24	7	24	Y								< 2						
27		24	7	24	Y			3.19					< 2						
28		24	7	24	B														
29		24	7	24	B														
30		24	7	24	Y								< 2						
31		24	7	24	Y				7309				< 2						
Monthly Average Limit:													4			5.1			
Monthly Average:							3.5275		0.900429	7309		6.8025	0.620909	1.17	2.3575	0			
Daily Maximum:							5.24		3.19	7309		10.05	2.47	2.7	2.74	0			
Daily Minimum:							2.43		0.385	7309		5.12	0	0.41	2.02	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****	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	
1		24	7	24	B													
2		24	7	24	Y													
3		24	7	24	Y													
4		24	7	24	Y		2		< 0.15	3		< 2				< 0.5		0.87
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												0.0042	
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:							2		0	3		0				0	0.0042	0.87
Daily Maximum:							2		0	3		0				0	0.0042	0.87
Daily Minimum:							2		0	3		0				0	0.0042	0.87

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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: 08-2021 (August 2021)

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	
							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	B									
2		24	7	24	Y									
3		24	7	24	Y									
4		24	7	24	Y		< 0.5						34	
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									
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						34
Daily Maximum:								0						34
Daily Minimum:								0						34

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NPDES PERMIT NO.: NC0047384
 FACILITY NAME: T.Z. Osborne WWTP
 OWNER NAME: City of Greensboro
 GRADE: WW-4.
 eDMR PERIOD: 08-2021 (August 2021)

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: 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		261	361	21.48			
3		24		256	363	21.78			
4		24		293	517	30.27			
5		24		349	498	31.26	14.17		
6		24		259	425	31.15			
7		24							
8		24							
9		24		231	276	20			
10		24		219	313	16.67			
11		24		410	457	28.27			
12		24		275	360	22.89	6.15		
13		24		258	386	23.16			
14		24							
15		24							
16		24		248	212	16.44			
17		24		270	310	17.33	6.54		
18		24		293	330	22.22			
19		24		276	330	25.26			
20		24		362	394	25.81			
21		24							
22		24							
23		24		297	289	18.03			
24		24		254	262	20.17			
25		24		247	315	22.8			
26		24		329	322	24.74			
27		24		311	313	23.83	7.06		
28		24							
29		24							
30		24		250	249	18.44			
31		24		317	286	19.96		99.819535	99.908263
Monthly Average Limit:									
Monthly Average:				284.772727	344	22.816364	8.48	99.819535	99.908263
Daily Maximum:				410	517	31.26	14.17	99.819535	99.908263
Daily Minimum:				219	212	16.44	6.15	99.819535	99.908263

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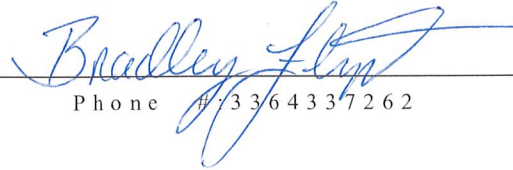
NPDES PERMIT NO.: NC0047384
FACILITY NAME: T.Z. Osborne WWTP
OWNER NAME: City of Greensboro
GRADE: WW-4
eDMR PERIOD: 08-2021 (August 2021)
COMPLIANCE STATUS: Compliant

PERMIT VERSION: 4.0
CLASS: WW-4
ORC: Bradley Todd Flynt
ORC HAS CHANGED: No
VERSION: 2.0
CONTACT PHONE #: 433-7262

PERMIT STATUS: Expired
COUNTY: Guilford
ORC CERT NUMBER: 27171
STATUS: Submitted
SUBMISSION DATE: 01/19/2022

Electronically Certified by Bradley Todd Flynt on 2022-01-19 09:24:51.699

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 2022-01-19 13:45:55.016

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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Report Comments:

AMENDED eDMR to add delayed effluent mercury result. Meritech Lab collects/analyzes the TZ Osborne Low Level Mercury samples and their instrument was inoperable for several months beginning in July 2021. Note: This sample was run out of hold time and is being reported as qualified.

Data Qualifications-CBOD: Glucose/Glutamic Acid standard out of range on 8/12, 8/20, 8/31; Dilution water depleted > 0.20 mg/l on 8/23; NB Influent duplicate RPD >30% on 8/13. Fecal: No incubation out time initials on 8/13.