

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: 05-2021 (May 2021)

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	2 X week	2 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		31.69								
2		24	7	24	B		30.27								
3		24	7	24	Y		35.39	22.4	7.6	< 14	0.143	2.85	8.5	8.32	
4		24	7	24	Y		35.49	22.5	7.6	< 14	0.109	2.7	5.1	8.33	
5		24	7	24	Y		32.3	22.4	7.6	< 14	0.575	< 2.5	5.2	8.38	3.25
6		24	7	24	Y		32.35	22	7.8	< 14	0.537	2.8	12.1	8.31	
7		24	7	24	Y		33.33	22.1	7.7	< 14	0.187		14.6	8.41	
8		24	7	24	B		30.61								
9		24	7	24	B		30.57								
10		24	7	24	Y		32.17	22.1	7.8	< 14	0.139	2.9	7.3	8.45	
11		24	7	24	Y		31.87	21.9	7.6	< 14	0.12	2.5	6.3	8.21	
12		24	7	24	Y		32.81	21.7	7.7	< 14	< 0.1	< 2.5	27.2	8.46	5.15
13		24	7	24	Y		31.24	21.2	7.7	< 14	0.116	2.55	24.6	8.37	
14		24	7	24	Y		31.96	21.6	7.8	< 14	0.101	2.5	46.5	8.39	
15		24	7	24	B		30.83								
16		24	7	24	B		30.41								
17		24	7	24	Y		31.51	21.7	7.7	< 14	< 0.1	< 2.5	11.5	8.37	
18		24	7	24	Y		31.37	21.7	7.6	< 14	< 0.1	3.1	1	8.16	
19		24	7	24	Y		30.94	22.2	7.7	< 14	< 0.1	< 2.5	2	8.35	1.78
20		24	7	24	Y		31.25	22.6	7.7	< 14	< 0.1	< 2.5	< 1	8.26	
21		24	7	24	Y		29.52	23.1	7.7	< 14	0.102	2.6	4.1	8.2	
22		24	7	24	B		30.93								
23		24	7	24	B		30.87								
24		24	7	24	Y		30.77	24	7.7	< 14	0.107	< 2.5	2.5	8.11	
25		24	7	24	Y		31.17	24.1	7.7	< 14	< 0.1	< 2.5	< 1	7.99	
26		24	7	24	Y		30.74	24.3	7.5	< 14	< 0.1	< 2.5	1	8	4.38
27		24	7	24	Y		32.46	24.5	7.7	< 14	< 0.1	< 2.5	4.1	7.97	
28		24	7	24	Y		31.18	24.7	7.7	< 14	< 0.1	< 2.5	3	7.92	
29		24	7	24	B		30.17								
30		24	7	24	B		29.82								
31		24	7	24	B		27.87	H	H	H	H	H	H	H	H
Monthly Average Limit:							40				2	30	200		
Monthly Average:							31.414839	22.64		0	0.1118	1.289474	5.139317	8.248	3.64
Daily Maximum:							35.49	24.7	7.8	0	0.575	3.1	46.5	8.46	5.15
Daily Minimum:							27.87	21.2	7.5	0	0	0	0	7.92	1.78

**** 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

eDMR PERIOD: 05-2021 (May 2021)

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	QM665	QV665	CO665	82388	80082	00630	00625	01147	01097		
							Monthly	Annually	Monthly	Annually	Weekly	Weekly	2 X week	Weekly	Weekly	Monthly			
							Calculated	Calculated	Calculated	Calculated	Composite	Grab	Composite	Composite	Composite	Composite	Composite		
							TOTAL N -	TOTAL N -	Total P - Qty	Total P - Qty	TOTAL P -	14DIOXAN	CBOD 20C	NO2&NO3	TOT KJEL	Se-TOTAL	ANTIMONY		
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N	lb/mon	lbs/yr	lb/mon	lbs/yr	mg/l	ug/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l		
1		24	7	24	B														
2		24	7	24	B														
3		24	7	24	Y							2.3							
4		24	7	24	Y					0.369		< 2							
5		24	7	24	Y						4.71	3.92	0.39	2.86	< 1				
6		24	7	24	Y					1.1		3.2							
7		24	7	24	Y							3.92							
8		24	7	24	B														
9		24	7	24	B														
10		24	7	24	Y							4.12							
11		24	7	24	Y							2.36							
12		24	7	24	Y					0.423	6.86	2.21	1.95	3.2					
13		24	7	24	Y					0.987		2.53							
14		24	7	24	Y							2.23							
15		24	7	24	B														
16		24	7	24	B														
17		24	7	24	Y							2.53							
18		24	7	24	Y							2.17			< 1	1.2			
19		24	7	24	Y						11	2.03	0.6	1.18					
20		24	7	24	Y					0.759		< 2							
21		24	7	24	Y							2.02							
22		24	7	24	B														
23		24	7	24	B														
24		24	7	24	Y							2.1							
25		24	7	24	Y							< 2							
26		24	7	24	Y					0.271	7.76	3.98	1.78	2.6					
27		24	7	24	Y							7.56							
28		24	7	24	Y							2.28							
29		24	7	24	B														
30		24	7	24	B														
31		24	7	24	B		29565.2666		5296		H		H	H	H	H	H	H	
Monthly Average Limit:													4			5.2			
Monthly Average:							29565.2666		5296		0.6515	7.5825	2.573	1.18	2.46	0	1.2		
Daily Maximum:							29565.2666		5296		1.1	11	7.56	1.95	3.2	0	1.2		
Daily Minimum:							29565.2666		5296		0.271	4.71	0	0.39	1.18	0	1.2		

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GRADE: WW-4.

ORC HAS CHANGED: No

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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	
1		24	7	24	B												
2		24	7	24	B												
3		24	7	24	Y												
4		24	7	24	Y												
5		24	7	24	Y		<2		<0.15	3		<2			<0.5		10
6		24	7	24	Y												
7		24	7	24	Y												
8		24	7	24	B												
9		24	7	24	B												
10		24	7	24	Y												
11		24	7	24	Y												
12		24	7	24	Y												
13		24	7	24	Y												
14		24	7	24	Y												
15		24	7	24	B												
16		24	7	24	B												
17		24	7	24	Y												
18		24	7	24	Y		<2	<0.5	<0.15	2	<2	2			<0.5		7
19		24	7	24	Y												
20		24	7	24	Y												
21		24	7	24	Y												
22		24	7	24	B												
23		24	7	24	B												
24		24	7	24	Y												
25		24	7	24	Y												
26		24	7	24	Y											0.0022	
27		24	7	24	Y												
28		24	7	24	Y												
29		24	7	24	B												
30		24	7	24	B												
31		24	7	24	B		H	H	H	H	H	H	H		H	H	H
Monthly Average Limit:																	
Monthly Average:							0	0	0	2.5	0	1			0	0.0022	8.5
Daily Maximum:							0	0	0	3	0	2			0	0.0022	10
Daily Minimum:							0	0	0	2	0	0			0	0.0022	7

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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: 05-2021 (May 2021)

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****	TGP3B	01077	01059	01102	01152	01087	01092				
							Composite	Composite	Composite	Composite	Composite	Composite	Composite				
							CER17DPF	SILVER	THALLIUM	TIN	TITANIUM	VANADIUM	ZINC				
						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	B												
3		24	7	24	Y												
4		24	7	24	Y												
5		24	7	24	Y			< 0.5					42				
6		24	7	24	Y												
7		24	7	24	Y												
8		24	7	24	B												
9		24	7	24	B												
10		24	7	24	Y												
11		24	7	24	Y												
12		24	7	24	Y												
13		24	7	24	Y												
14		24	7	24	Y												
15		24	7	24	B												
16		24	7	24	B												
17		24	7	24	Y												
18		24	7	24	Y		0	< 0.5		< 25	< 5	< 5	26				
19		24	7	24	Y												
20		24	7	24	Y												
21		24	7	24	Y												
22		24	7	24	B												
23		24	7	24	B												
24		24	7	24	Y												
25		24	7	24	Y												
26		24	7	24	Y												
27		24	7	24	Y												
28		24	7	24	Y												
29		24	7	24	B												
30		24	7	24	B												
31		24	7	24	B			H	H	H	H	H	H				
Monthly Average Limit:																	
Monthly Average:							0	0		0	0	0	0	34			
Daily Maximum:							0	0		0	0	0	42				
Daily Minimum:							0	0		0	0	0	26				

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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: 05-2021 (May 2021)

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
				2 X week	2 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							
3		24		246	347	20.9			
4		24		239	238	20.1			
5		24		243	403	28.4			
6		24		261	344	28.8	9.07		
7		24			439	27.6			
8		24							
9		24							
10		24		222	352	22.2			
11		24		345	321	21.9			
12		24		251	451	29.7			
13		24		263	405	31	14.57		
14		24		238	447	32.4			
15		24							
16		24							
17		24		226	386	21.8			
18		24		285	428	23.4			
19		24		299	504	25			
20		24		284	480	27.4	13.06		
21		24		241	403	27.3			
22		24							
23		24							
24		24		217	425	23.2			
25		24		234	384	20.8			
26		24		292	412	24	6.76		
27		24		290	456	28.3			
28		24		269	367	26.1			
29		24							
30		24							
31		24		H	H	H	H	99.356175	99.504612
Monthly Average Limit:									
Monthly Average:				260.263158	399.6	25.515	10.865	99.356175	99.504612
Daily Maximum:				345	504	32.4	14.57	99.356175	99.504612
Daily Minimum:				217	238	20.1	6.76	99.356175	99.504612

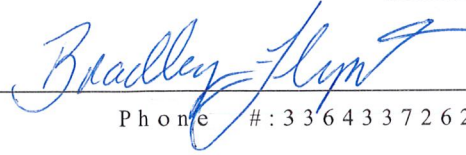
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FACILITY NAME: T.Z. Osborne WWTP
OWNER NAME: City of Greensboro
GRADE: WW-4
eDMR PERIOD: 05-2021 (May 2021)
COMPLIANCE STATUS: Compliant

PERMIT VERSION: 4.0
CLASS: WW-4
ORC: Bradley Todd Flynt
ORC HAS CHANGED: No
VERSION: 1.0
CONTACT PHONE #: 433-7262

PERMIT STATUS: Expired
COUNTY: Guilford
ORC CERT NUMBER: 27171
STATUS: Submitted
SUBMISSION DATE: 06/28/2021

Electronically Certified by Bradley Todd Flynt on 2021-06-28 12:04:14.655

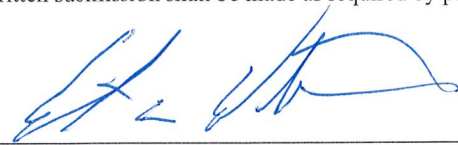


ORC / Certifier Signature: Bradley Todd Flynt Phone #: 3364337262 Date

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 2021-06-28 12:21:56.83



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:

Data Qualifications-CBOD: Glucose/Glutamic Standard out of range on 5/3-5, 5/18, 5/19. Dilution water depleted >0.20 mg/l on 5/4, 5/5, 5/7. No initial D. O. recorded for blank on 5/6; TSS: RPD >20% on 5/4 (2.7 & 2.2 mg/l=20.4%); Fecal Coliform: No a.m. water bath temperature recorded on 5/21. Weekly effluent 1,4-dioxane data sampling/analyses required by EMC SOC WQ S19-010 effective 5-1-2021.