

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: 07-2023 (July 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/N	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	mg/l	#/100ml	mg/l	mg/l				
1		24	7	24	B		31.1													
2		24	7	24	B		29.36													
3		24	7	24	Y		33.16	27.3	7.6	< 14	< 0.1	4.4	759	7.77						
4		24	7	24	B		31.21	H	H	H	H	H	H	H	H	H				
5		24	7	24	Y		30.3	27	7.6	< 14	< 0.1	5.14	32.4	7.94	3.36					
6		24	7	24	Y		32.15	27.1	7.5	< 14	< 0.1	5.74	19.8	7.84						
7		24	7	24	Y		32.6	27.4	7.5	< 14	0.131	4.2	16	7.6						
8		24	7	24	B		33.87													
9		24	7	24	B		39.89													
10		24	7	24	Y		35.96	26.7	7.6	< 14	0.505	6.6	> 2419.6	7.8						
11		24	7	24	Y		33.74	26.1	7.5	43.1	0.243	5.27	< 1	8.36						
12		24	7	24	Y		32.56	26.7	7.4	< 14	0.404	4	> 2419.6	7.58	4.57					
13		24	7	24	Y		32.88	27.1	7.4	< 14	< 0.1	4.47	85.7	7.45						
14		24	7	24	Y		32.7	27.4	7.4	< 14	0.111	5.27	193.5	7.43						
15		24	7	24	B		30.41													
16		24	7	24	B		31.03													
17		24	7	24	B		31.18	27.8	7.5	< 14	< 0.1	5.34	67.4	7.14						
18		24	7	24	B		30.66	27.5	7.4	< 14	0.155	5.6	68.9	7.42						
19		24	7	24	B		30.14	28.2	7.5	< 14	< 0.1	5.14	53.7	7.73	4.35					
20		24	7	24	B		31.39	28	7.6	< 14	< 0.1	4.87	70.3	7.37						
21		24	7	24	B		31.63	28.3	7.6	< 14	< 0.1	4.88	67	7.24						
22		24	7	24	B		29.24													
23		24	7	24	B		28.42													
24		24	7	24	Y		30.49	27.9	7.6	< 14	< 0.1	7.07	41.7	7.42						
25		24	7	24	Y		30.32	28	7.4	< 14	< 0.1	6.6	13.5	7.14						
26		24	7	24	Y		29.15	27.8	7.4	< 14	< 0.1	5.2	35	7.3	5.43					
27		24	7	24	Y		30.68	27.9	7.5	< 14	< 0.1	6.27	18	7.29						
28		24	7	24	Y		31.75	28.7	7.6	< 14	< 0.1	6.47	> 600	7.25						
29		24	7	24	B		29.49													
30		24	7	24	B		28.72													
31		24	7	24	Y		29.21	28.1	7.6	< 14	0.117	5	220	7.16						
Monthly Average Limit:									56				2	30	200					
Monthly Average:									31.464194	27.55		2.155	0.0833	5.3765	76.023776	7.5115	4.4275			
Daily Maximum:									39.89	28.7	7.6	43.1	0.505	7.07	2419.6	8.36	5.43			
Daily Minimum:									28.42	26.1	7.4	0	0	4	0	7.14	3.36			

**** 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

OWNER NAME: City of Greensboro

ORC: Bradley Todd Flynt

ORC CERT NUMBER: 27171

GRADE: WW-4.

ORC HAS CHANGED: No

eDMR PERIOD: 07-2023 (July 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****	QM600	QY600	CO665	QM665	QY665	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	CERI7DPF	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	B													
3		24	7	24	Y							< 2						
4		24	7	24	B				H			H	H	H	H		H	
5		24	7	24	Y				0.958			< 2	2	1.31	2.05		1	
6		24	7	24	Y							< 2						
7		24	7	24	Y							< 2						
8		24	7	24	B													
9		24	7	24	B													
10		24	7	24	Y							< 2						
11		24	7	24	Y				0.585			< 2	2.18			0	< 5	
12		24	7	24	Y							< 2		1.46	3.11			
13		24	7	24	Y							< 2						
14		24	7	24	Y							< 2						
15		24	7	24	B													
16		24	7	24	B													
17		24	7	24	B							< 2						
18		24	7	24	B				0.907			< 2						
19		24	7	24	B							2.4		0.87	3.48			
20		24	7	24	B							< 2						
21		24	7	24	B							< 2						
22		24	7	24	B													
23		24	7	24	B													
24		24	7	24	Y							< 2						
25		24	7	24	Y							< 2						
26		24	7	24	Y							< 2		2.84	2.59			
27		24	7	24	Y				0.875			< 2						
28		24	7	24	Y							2.47						
29		24	7	24	B													
30		24	7	24	B													
31		24	7	24	Y													
							36037.3234			6760		< 2						
						Monthly Average Limit:						4						5.1
						Monthly Average:	36037.3234		0.83125	6760		0.2435	2.09	1.62	2.8075	0		0.5
						Daily Maximum:	36037.3234		0.958	6760		2.47	2.18	2.84	3.48	0		1
						Daily Minimum:	36037.3234		0.585	6760		0	2	0.87	2.05	0		0

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NPDES PERMIT NO.: NC0047384
 FACILITY NAME: T.Z. Osborne WWTP
 OWNER NAME: City of Greensboro
 GRADE: WW-4
 eDMR PERIOD: 07-2023 (July 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***	01092	82388	01097	01002	01012	01027	01034	01037	00720	00900	01051		
		2400 clock	Hrs	2400 clock	Hrs				Y/B/N	Quarterly	Composite	Grab	Composite	Composite	Composite	Composite	Composite	Composite	Grab	Composite	Composite
		ZINC	14DIOXAN	ANTIMONY	As-TOTAL				BERYLIUM	CADMIUM	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	ug/l	mg/l	ug/l		
1		24	7	24	B																
2		24	7	24	B																
3		24	7	24	Y																
4		24	7	24	B			H		H	H	H	H	H	H	H	H		H		
5		24	7	24	Y			26	2.13		< 2			0.16	2				< 0.5		
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			38.5	1.91	1.4	< 2	< 0.5	0.24	< 5	< 2	< 20	76	< 2			
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	B																
18		24	7	24	B				2.32												
19		24	7	24	B																
20		24	7	24	B																
21		24	7	24	B																
22		24	7	24	B																
23		24	7	24	B																
24		24	7	24	Y																
25		24	7	24	Y				1.8												
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	Y																
Monthly Average Limit:																					
Monthly Average:									32.25	2.04	1.4	0	0	0.2	1	0	0	76	0		
Daily Maximum:									38.5	2.32	1.4	0	0	0.24	2	0	0	76	0		
Daily Minimum:									26	1.8	1.4	0	0	0.16	0	0	0	76	0		

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NPDES PERMIT NO.: NC0047384

FACILITY NAME: T.Z. Osborne WWTP

OWNER NAME: City of Greensboro

GRADE: WW-4.

eDMR PERIOD: 07-2023 (July 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***	COMER	01067	01077	01059	01102	01152	01087
		Hrs	2400 clock	Hrs	2400 clock	Hrs	Y/B/N			Grab	Composite	Composite	Composite	Composite	Composite	Composite
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N				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	B											
3		24	7	24	Y											
4		24	7	24	B				H	H	H	H	H	H	H	H
5		24	7	24	Y					9.8	< 0.5					
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				0.0028	8.96	< 1		< 25	28	< 5	
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	B											
18		24	7	24	B											
19		24	7	24	B											
20		24	7	24	B											
21		24	7	24	B											
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	Y											
Monthly Average Limit:																
Monthly Average:										0.0028	9.38	0		0	28	0
Daily Maximum:										0.0028	9.8	0		0	28	0
Daily Minimum:										0.0028	8.96	0		0	28	0

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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: 07-2023 (July 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							
2		24							
3		24		219	234	20.5			
4		24		H	H	H	H		
5		24		315	377	20.7	8.02		
6		24		247	333	23			
7		24		231	325	23.8			
8		24							
9		24							
10		24		260	257	15.9			
11		24		197	227	17.3	5.67		
12		24		248	371	19.6			
13		24		340	433	19.6			
14		24		319	353	24			
15		24							
16		24							
17		24		260	300	19.5			
18		24		274	382	19.3	7.5		
19		24		354	627	22.3			
20		24		320	393	22.9			
21		24		335	473	21.5			
22		24							
23		24							
24		24		282	319	18.6			
25		24		295	339	19.2			
26		24		301	399	19.9			
27		24		359	512	21.8	7.65		
28		24		517	531	24.8			
29		24							
30		24							
31		24		422	347.68	21.2		99.935348	98.250272
Monthly Average Limit:									
Monthly Average:				304.75	376.634	20.77	7.21	99.935348	98.250272
Daily Maximum:				517	627	24.8	8.02	99.935348	98.250272
Daily Minimum:				197	227	15.9	5.67	99.935348	98.250272

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FACILITY NAME: T.Z. Osborne WWTP
OWNER NAME: City of Greensboro
GRADE: WW-4
eDMR PERIOD: 07-2023 (July 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: 08/30/2023

Electronically Certified by Bradley Todd Flynt on 2023-08-30 15:41:47.171

ORC / Certifier Signature: Bradley Todd Flynt



Phone #: 336 433 7262

9/5/23

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.I.E.6 of the NPDES permit.

Electronically Signed by Elijah Lamont Williams on 2023-08-30 18:04:41.114

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 - G/G out of range on 7/17-19, 7/27, 7/31. Blank out of >0.20 on 7/27 and 7/28. Low level chlorine value of 43.1 on 7/11 was the result of 14 samples, reagent blank >5 on 7/18 and 7/19. Fecal analysis was performed by Meritech 7/26-31/2023. Revised because we added Arsenic data for 7/5 and 7/11.