

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: 02-2024 (February 2024)

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	
	3400 clock	Hrs	2400 clock	Hrs	Y/B/N		mgd	deg c	su	ug/l	mg/l	mg/l	#/100ml	mg/l	TOTAL N -	
1		24	7	24	Y		36.77	18.6	7.4	< 14	< 0.1	5.17	13.4	8.81		
2		24	7	24	Y		35.27	18.7	7.4	< 14	< 0.1	5.6	18.9	9		
3		24	7	24	B		34.79									
4		24	7	24	B		33.03									
5		24	7	24	Y		33.06	18.3	7.5	< 14	< 0.1	5.39	11.7	9.19		
6		24	7	24	Y		33.36	18.3	7.5	< 14	< 0.1	5	1	9.22	2.55	
7		24	7	24	Y		33.8	17.4	7.4	< 14	< 0.1	5.74	6.3	9.12		
8		24	7	24	Y		32.27	18	7.5	< 14	0.143	5.8	7.4	8.96		
9		24	7	24	Y		32.55	18.4	7.6	< 14	0.418	6.4	2	9.03		
10		24	7	24	B		35.06									
11		24	7	24	B		41.39									
12		24	7	24	Y		39.52	18.8	7.4	< 14	0.107	7.33	5.7	8.64		
13		24	7	24	Y		40.48	18.5	7.4	< 14	< 0.1	5.4	2	9.02		
14		24	7	24	Y		35.05	17.5	7.4	< 14	0.116	5.2	3.1	9.08	3.02	
15		24	7	24	Y		36.02	19.6	6.9	< 14	0.213	4.53	14.5	8.86		
16		24	7	24	Y		36.36	18.9	7.5	< 14	< 0.1	4.4	648.8	8.43		
17		24	7	24	B		33.98									
18		24	7	24	B		32.1									
19		24	7	24	B		33.5	17.4	7.4	< 14	< 0.1	9.75	189.6	9.08		
20		24	7	24	Y		33.71	17.4	7.4	< 14	< 0.1	7.5	51.2	8.92		
21		24	7	24	Y		33.62	17.4	7.4	< 14	< 0.1	8	25.9	8.91	4.05	
22		24	7	24	Y		33.47	17.6	7.4	< 14	< 0.1	8.2	44.3	9.1		
23		24	7	24	Y		33.97	19.3	7.4	< 14	< 0.1	8.7	36.9	9.02		
24		24	7	24	B		33.68									
25		24	7	24	B		31.5									
26		24	7	24	Y		33.54	18.2	7.5	< 14	< 0.1	6.4	22.9	8.78		
27		24	7	24	Y		33.24	18.8	7.4	< 14	< 0.1	7.4	65.7	8.93		
28		24	7	24	Y		34.09	19.2	7.6	< 14	< 0.1	8.2	6.2	9.16	3.81	
29		24	7	24	Y		34.38	18.3	7.6	< 14	0.104	10.2	1	9.02		
Monthly Average Limit:							56				4	30	200			
Monthly Average:							34.605517	18.314286		0	0.052429	6.681429	13.221262	8.963714	3.3575	
Daily Maximum:							41.39	19.6	7.6	0	0.418	10.2	648.8	9.22	4.05	
Daily Minimum:							31.5	17.4	6.9	0	0	4.4	1	8.43	2.55	

*** 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: 02-2024 (February 2024)

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	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 2BC	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							< 2							
2		24	7	24	Y							4.89							
3		24	7	24	B														
4		24	7	24	B														
5		24	7	24	Y							< 2							
6		24	7	24	Y			0.284				< 2	0.49	2.06	< 5	4.24			
7		24	7	24	Y							< 2							
8		24	7	24	Y							< 2							
9		24	7	24	Y							2.16							
10		24	7	24	B														
11		24	7	24	B														
12		24	7	24	Y							< 2							
13		24	7	24	Y			0.364				4.37				4.22			
14		24	7	24	Y							< 2	0.78	2.24					
15		24	7	24	Y							< 2							
16		24	7	24	Y							2.02							
17		24	7	24	B														
18		24	7	24	B														
19		24	7	24	B							3.87							
20		24	7	24	Y			0.456				< 2				4.81			
21		24	7	24	Y							< 2	0.84	3.21					
22		24	7	24	Y							2.08							
23		24	7	24	Y							2.68							
24		24	7	24	B														
25		24	7	24	B														
26		24	7	24	Y							2.36							
27		24	7	24	Y			0.293				< 2				1.98			
28		24	7	24	Y							< 2	1.03	2.78					
29		24	7	24	Y		28123.2806			2921		2.63							
Monthly Average Limit:												8			5.1				
Monthly Average:							28123.2806		0.34925	2921		1.288571	0.785	2.5725	0	3.8125			
Daily Maximum:							28123.2806		0.456	2921		4.89	1.03	3.21	0	4.81			
Daily Minimum:							28123.2806		0.284	2921		0	0.49	2.06	0	1.98			

*** 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: 02-2024 (February 2024)

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***	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	Y													
3		24	7	24	B													
4		24	7	24	B													
5		24	7	24	Y													
6		24	7	24	Y		< 2		< 0.5	< 5		5.56			< 2			9.29
7		24	7	24	Y													
8		24	7	24	Y													
9		24	7	24	Y													
10		24	7	24	B													
11		24	7	24	B													
12		24	7	24	Y													
13		24	7	24	Y													
14		24	7	24	Y													
15		24	7	24	Y													
16		24	7	24	Y													
17		24	7	24	B													
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	B													
25		24	7	24	B													
26		24	7	24	Y													
27		24	7	24	Y												0.00316	
28		24	7	24	Y													
29		24	7	24	Y													
Monthly Average Limit:																		
Monthly Average:							0		0	0		5.56			0		0.00316	9.29
Daily Maximum:							0		0	0		5.56			0		0.00316	9.29
Daily Minimum:							0		0	0		5.56			0		0.00316	9.29

*** No Reporting Reason: ENFRUSE = No Flow-Reuse/Recycle; BNVWTHR = 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: 02-2024 (February 2024)

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****	TGP3B	01077	01059	01102	01152	01087	01092	
							Composite	Composite	Composite	Composite	Composite	Composite	Composite	
							CER17DPF	SILVER	THALLIUM	TEN	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	B									
4		24	7	24	B									
5		24	7	24	Y									
6		24	7	24	Y			< 1					54.6	
7		24	7	24	Y									
8		24	7	24	Y									
9		24	7	24	Y									
10		24	7	24	B									
11		24	7	24	B									
12		24	7	24	Y									
13		24	7	24	Y									
14		24	7	24	Y									
15		24	7	24	Y									
16		24	7	24	Y									
17		24	7	24	B									
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	B									
25		24	7	24	B									
26		24	7	24	Y									
27		24	7	24	Y									
28		24	7	24	Y									
29		24	7	24	Y									
Monthly Average Limit:														
Monthly Average:								0						54.6
Daily Maximum:								0						54.6
Daily Minimum:								0						54.6

**** No Reporting Reason: ENFRUSE = No Flow-Reuse/Recycle; BNVWTHR = 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: 02-2024 (February 2024)

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	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		298	285	20.2			
2		24		256	386	19.4			
3		24							
4		24							
5		24		261	361	20.6			
6		24		266	312	19.3	8.54		
7		24		295	311	23			
8		24		280	470	24.9			
9		24		279	420	21.7			
10		24							
11		24							
12		24		231	298	18.5			
13		24		237	253	18.3	10.92		
14		24		263	253	21.4			
15		24		259	277	21.5			
16		24		282	352	21			
17		24							
18		24							
19		24		292	396	21			
20		24		362	302	21	5.96		
21		24		289	259	22.6			
22		24		298	352	23			
23		24		421	526	22.6			
24		24							
25		24							
26		24		301	374	20.6			
27		24		350	312	19.3	7.77		
28		24		331	309	23.8			
29		24		362	469	24.3		99.628085	97.740594
Monthly Average Limit:									
Monthly Average:				295.857143	346.52381	21.333333	8.2975	99.628085	97.740594
Daily Maximum:				421	526	24.9	10.92	99.628085	97.740594
Daily Minimum:				231	253	18.3	5.96	99.628085	97.740594


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

NPDES PERMIT NO.: NC0047384
FACILITY NAME: T.Z. Osborne WWTP
OWNER NAME: City of Greensboro
GRADE: WW-4
eDMR PERIOD: 02-2024 (February 2024)
COMPLIANCE STATUS: Compliant

PERMIT VERSION: 4.0
CLASS: WW-4
ORC: Bradley Todd Flynt
ORC HAS CHANGED: No
VERSION: 1.0
CONTACT PHONE #: 4337262

PERMIT STATUS: Expired
COUNTY: Guilford
ORC CERT NUMBER: 27171
STATUS: Submitted
SUBMISSION DATE: 03/27/2024

Electronically Certified by Bradley Todd Flynt on 2024-03-27 15:25:20.0
ORC / Certifier Signature: Bradley Todd Flynt

 3/28/24
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 2024-03-27 15:44:31.627

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

 3/28/2024

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).

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: 02-2024 (February 2024)

VERSION: 1.0

STATUS: Submitted

Report Comments:

Data Qualifications - CBOD - G/G out of range on 2/1, 2/12-14,2/20-21. Blank >0.20 on 2/2, 2/9, 2/27, 2/28. RPD for TZO Influent duplicates was >30% on 2/7 (57.3%).