

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: 06-2022 (June 2022)

VERSION: 2.0

STATUS: Submitted

SAMPLING LOCATION: EFFLUENT DISCHARGE NO.: 001 NO DISCHARGE*: NO

Date	Composite Sample Time	Total Composite 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	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	Y		31.06	24.3	7.3	< 14	< 0.1	4.5	< 1	7.65	8.36				
2		24	7	24	Y		29.68	25	7.6	< 14	< 0.1	4.27	190.4	7.97					
3		24	7	24	Y		31.17	25.1	7.7	< 14	< 0.1	3.55	10.5	7.89					
4		24	7	24	B		29.61												
5		24	7	24	B		28.54												
6		24	7	24	Y		29.74	24.4	7.8	< 14	0.127	4.8	1.8	8.14					
7		24	7	24	Y		30.51	24.6	7.7	< 14	< 0.1	4.67	204	8.03					
8		24	7	24	Y		31.79	25.1	7.7	< 14	< 0.1	4.7	6.3	7.82	6.8				
9		24	7	24	Y		28.94	25.6	7.9	< 14	< 0.1	3.75	201.4	7.95					
10		24	7	24	Y		29.2	25.2	7.9	< 14	< 0.1	3.45	160.7	7.83					
11		24	7	24	B		28.95												
12		24	7	24	B		29												
13		24	7	24	Y		29.51	26	7.7	< 14	< 0.1	4.75	1	7.71					
14		24	7	24	Y		29.82	26.2	7.7	< 14	< 0.1	3	2419.6	7.62					
15		24	7	24	B		30.18	26.3	7.7	< 14	< 0.1	2.5	77.1	8.1	4.13				
16		24	7	24	B		33.22	26.7	7.8	< 14	< 0.1	2.5	5.1	7.51					
17		24	7	24	B		30.98	26.4	7.8	< 14	< 0.1	2.65	198.9	7.65					
18		24	7	24	B		28.39												
19		24	7	24	B		29.16												
20		24	7	24	B		28.72	H	H	H	H	H	H	H	H				
21		24	7	24	B		29.67	26.4	7.5	< 14	< 0.1	4.57	1.8	7.64					
22		24	7	24	B		28.85	25.4	7.6	< 14	< 0.1	4.6	2	7.85	6.44				
23		24	7	24	B		30.67	26.5	7.7	< 14	< 0.1	4.5	3.1	7.81					
24		24	7	24	B		30.35	26.8	7.7	< 14	< 0.1	4.15	2	7.55					
25		24	7	24	B		29.1												
26		24	7	24	B		28.31												
27		24	7	24	Y		31.1	27.1	7.8	< 14	< 0.1	3.73	4.4	7.51					
28		24	7	24	Y		30.68	26.3	7.7	< 14	< 0.1	3	1	7.48					
29		24	7	24	Y		28.89	26.7	7.8	< 14	< 0.1	3.07	5.2	7.6	4.96				
30		24	7	24	Y		30.38	27.2	7.8	< 14	< 0.1	3.8	1	7.32					
Monthly Average Limit:							56				2	30	200						
Monthly Average:							29.872333	25.871429		0	0.006048	3.83381	11.356741	7.744286	6.138				
Daily Maximum:							33.22	27.2	7.9	0	0.127	4.8	2419.6	8.14	8.36				
Daily Minimum:							28.31	24.3	7.3	0	0	2.5	0	7.32	4.13				

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

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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****	QY600	QM600	QM665	QY665	CO665	82388	80082	00630	00625	01147	01097	
							Annually	Monthly	Monthly	Annually	Weekly	Weekly	5 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	lbs/yr	lb/mon	lb/mon	lbs/yr	mg/l	ug/l	mg/l	mg/l	mg/l	ug/l	ug/l		
1		24	7	24	Y							< 2	6.02	2.34				
2		24	7	24	Y							< 2						
3		24	7	24	Y							< 2						
4		24	7	24	B													
5		24	7	24	B													
6		24	7	24	Y							2.45						
7		24	7	24	Y					0.265		< 2						
8		24	7	24	Y						4.25	< 2	4.4	2.4	< 1			
9		24	7	24	Y							2.13						
10		24	7	24	Y							2.11						
11		24	7	24	B													
12		24	7	24	B													
13		24	7	24	Y							2.17						
14		24	7	24	Y					0.25	4.03	< 2						
15		24	7	24	B							4.67	2.06	2.07				
16		24	7	24	B							2.1						
17		24	7	24	B							2.05						
18		24	7	24	B													
19		24	7	24	B													
20		24	7	24	B		H	H	H	H	H	H	H	H	H	H	H	
21		24	7	24	B						1.66	< 2						
22		24	7	24	B							< 2	3.87	2.57				
23		24	7	24	B					1.26		< 2						
24		24	7	24	B							< 2						
25		24	7	24	B													
26		24	7	24	B													
27		24	7	24	Y							< 2						
28		24	7	24	Y					0.366	2.58	< 2						
29		24	7	24	Y							< 2	2.66	2.3				
30		24	7	24	Y							< 2						
Monthly Average Limit:												4			5.1			
Monthly Average:								45892.2511	3999		0.53525	3.13	0.841905	3.802	2.336	0		
Daily Maximum:								45892.2511	3999		1.26	4.25	4.67	6.02	2.57	0		
Daily Minimum:								45892.2511	3999		0.25	1.66	0	2.06	2.07	0		

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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														
4		24	7	24	B														
5		24	7	24	B														
6		24	7	24	Y														
7		24	7	24	Y														
8		24	7	24	Y		< 2		< 0.15	2		< 2			< 0.5			12.4	
9		24	7	24	Y														
10		24	7	24	Y														
11		24	7	24	B														
12		24	7	24	B														
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		H	H	H	H	H	H	H	H	H	H	H	H	
21		24	7	24	B														
22		24	7	24	B														
23		24	7	24	B														
24		24	7	24	B														
25		24	7	24	B														
26		24	7	24	B														
27		24	7	24	Y											0.0022			
28		24	7	24	Y														
29		24	7	24	Y														
30		24	7	24	Y														
Monthly Average Limit:																			
Monthly Average:							0		0	2		0				0	0.0022	12.4	
Daily Maximum:							0		0	2		0				0	0.0022	12.4	
Daily Minimum:							0		0	2		0				0	0.0022	12.4	

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 ORC: Bradley Todd Flynt
 ORC HAS CHANGED: No
 VERSION: 2.0

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 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***	TGP3B	01077	01059	01102	01152	01087	01092	
	2400 clock	Hrs	2400 clock	Hrs					Y/B/N	pass/fail	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	Composite	Composite	Composite	Composite					Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite
								CERI/DPF	SILVER	THALLIUM	TIN	TITANIUM	VANADIUM	ZINC		
1		24	7	24	Y											
2		24	7	24	Y											
3		24	7	24	Y											
4		24	7	24	B											
5		24	7	24	B											
6		24	7	24	Y											
7		24	7	24	Y											
8		24	7	24	Y				< 0.5						29	
9		24	7	24	Y											
10		24	7	24	Y											
11		24	7	24	B											
12		24	7	24	B											
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			H	H	H	H	H	H	H	H	
21		24	7	24	B											
22		24	7	24	B											
23		24	7	24	B											
24		24	7	24	B											
25		24	7	24	B											
26		24	7	24	B											
27		24	7	24	Y											
28		24	7	24	Y											
29		24	7	24	Y											
30		24	7	24	Y											
Monthly Average Limit:																
Monthly Average:										0					29	
Daily Maximum:										0					29	
Daily Minimum:										0					29	

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COUNTY: Guilford

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ORC: Bradley Todd Flynt

ORC CERT NUMBER: 27171

GRADE: WW-4.

ORC HAS CHANGED: No

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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		344	347	21.9			
2		24		291	409	23.7			
3		24		271	405	22.8			
4		24							
5		24							
6		24		285	350	21.4			
7		24		296	282	22.3	9.64		
8		24		300	382	22.6			
9		24		375	421	24.9			
10		24		346	501	24.5			
11		24							
12		24							
13		24		256	322	20.8			
14		24		281	264	19.1	6.96		
15		24		428	416	22.1			
16		24		761	567	23			
17		24		1143	595	19.6			
18		24							
19		24							
20		24		H	H	H	H		
21		24		709	431	22.3			
22		24		838	640	22.1			
23		24		614	514	23.2	12.98		
24		24		507	713	28			
25		24							
26		24							
27		24		291	406	24.7			
28		24		309	370	23.6	6.25		
29		24		442	494	26.6			
30		24		467	485	26.1		99.810179	99.157411
Monthly Average Limit:									
Monthly Average:				454.952381	443.52381	23.109524	8.9575	99.810179	99.157411
Daily Maximum:				1143	713	28	12.98	99.810179	99.157411
Daily Minimum:				256	264	19.1	6.25	99.810179	99.157411

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STATUS: Submitted

COMPLIANCE STATUS: Compliant

CONTACT PHONE #: 4337262

SUBMISSION DATE: 09/23/2022

Electronically Certified by Bradley Todd Flynt on 2022-09-23 07:28:38.458

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 2022-09-23 08:51:28.118

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: Dilution Water depleted >0.20 mg/l on 6/3, Duplicate RPD >30% on 6/16, Glucose/Glutamic Acid standard out of range on 6/27; TSS: Effluent exceeded 10 minute filter time on 6/1; Ammonia: Lab error on 6/15-No spike analysis, but all other QA/QC in range.