

NPDES PERMIT NO.: NC0047384

PERMIT VERSION: 5.0

PERMIT STATUS: Active

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: 09-2023 (September 2023)

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	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	#/100ml	mg/l	mg/l		
1		24	7	24	Y		31.72	27.6	7.8	< 14	< 0.1	5.57	270	7.32			
2		24	7	24	B		28.25										
3		24	7	24	B		28.84										
4		24	7	24	Y		29.42	H	H	H	H	H	H	H	H		
5		24	7	24	Y		31.26	29.2	7.5	< 14	< 0.1	5.8	200	7.17			
6		24	7	24	Y		31.71	29.2	7.4	< 14	< 0.1	4.93	60	6.79	3.82		
7		24	7	24	Y		31.7	29.4	7.5	< 14	< 0.1	4.93	110	7.02			
8		24	7	24	B		30.99	28.6	7.7	< 14	< 0.1	5.14	270	7.16			
9		24	7	24	B		30.63										
10		24	7	24	B		35.2										
11		24	7	24	Y		33.74	27.8	7.6	< 14	< 0.1	5.94	210	6.93			
12		24	7	24	Y		38.01	28.8	7.6	< 14	< 0.1	4.2	172.7	7.35			
13		24	7	24	Y		40.72	27.6	7.6	< 14	< 0.1	4.2	325.5	7.45	2.64		
14		24	7	24	Y		33.12	27.4	7.6	< 14	< 0.1	4.4	151.5	7.75			
15		24	7	24	Y		33.32	27	7.7	< 14	0.133	4.93	63.1	7.84			
16		24	7	24	B		30.35										
17		24	7	24	B		31.57										
18		24	7	24	Y		30.02	26.6	7.6	< 14	< 0.1	4.2	> 2419.6	7.87			
19		24	7	24	Y		30.18	27	7.6	< 14	< 0.1	4.5	> 2419.6	7.86			
20		24	7	24	Y		31.64	26.9	7.5	< 14	< 0.1	5.07	75.4	7.68	3.41		
21		24	7	24	Y		31.06	27.2	7.6	< 14	< 0.1	5.47	39.8	7.61			
22		24	7	24	Y		32.69	26.7	7.6	< 14	< 0.1	6.07	73.3	7.61			
23		24	7	24	B		34.52										
24		24	7	24	B		31.01										
25		24	7	24	Y		32.75	26.6	7.7	< 14	< 0.1	4.93	12.7	7.86			
26		24	7	24	Y		32.2	27	7.5	< 14	< 0.1	4	< 1	7.71			
27		24	7	24	Y		32.93	27.6	7.5	< 14	< 0.1	3.74	2	7.58	2.67		
28		24	7	24	Y		30.56	26.3	7.5	< 14	< 0.1	4.4	31.8	7.76			
29		24	7	24	Y		31.48	26.7	7.6	< 14	0.122	4.94	7.4	7.54			
30		24	7	24	B		29.61										
Monthly Average Limit:							56				0.82	30	200				
Monthly Average:							32.04	27.56		0	0.01275	4.868	78.72401	7.493	3.135		
Daily Maximum:							40.72	29.4	7.8	0	0.133	6.07	2419.6	7.87	3.82		
Daily Minimum:							28.25	26.3	7.4	0	0	3.74	0	6.79	2.64		

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

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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***	QM600	QY600	CO665	QM665	QY665	80082	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 20C	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	B													
3		24	7	24	B													
4		24	7	24	Y			H				H	H	H	H		H	
5		24	7	24	Y							< 2				4.9		
6		24	7	24	Y			1.06				< 2	1.8	2.02	< 5			
7		24	7	24	Y							< 2						
8		24	7	24	B							< 2						
9		24	7	24	B													
10		24	7	24	B													
11		24	7	24	Y							< 2						
12		24	7	24	Y			0.403				2.42				2.04		
13		24	7	24	Y							< 2	1.59	1.05				
14		24	7	24	Y							< 2						
15		24	7	24	Y							< 2						
16		24	7	24	B													
17		24	7	24	B													
18		24	7	24	Y							< 2						
19		24	7	24	Y			0.217				< 2				3		
20		24	7	24	Y							< 2	0.84	2.57				
21		24	7	24	Y							2.28						
22		24	7	24	Y							2.52						
23		24	7	24	B													
24		24	7	24	B													
25		24	7	24	Y							2.69						
26		24	7	24	Y			0.335				< 2				3.24		
27		24	7	24	Y							< 2	0.56	2.11				
28		24	7	24	Y							< 2						
29		24	7	24	Y							< 2						
30		24	7	24	B		25171.5211		4040									
Monthly Average Limit:												4			5.1			
Monthly Average:							25171.5211		0.50375	4040		0.4955	1.1975	1.9375	0	3.295		
Daily Maximum:							25171.5211		1.06	4040		2.69	1.8	2.57	0	4.9		
Daily Minimum:							25171.5211		0.217	4040		0	0.56	1.05	0	2.04		

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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	B														
3		24	7	24	B														
4		24	7	24	Y		H	H	H	H	H	H			H	H	H	H	
5		24	7	24	Y														
6		24	7	24	Y		<2		<0.5	<5		<2			<2			<5	
7		24	7	24	Y														
8		24	7	24	B														
9		24	7	24	B														
10		24	7	24	B														
11		24	7	24	Y														
12		24	7	24	Y														
13		24	7	24	Y														
14		24	7	24	Y														
15		24	7	24	Y														
16		24	7	24	B														
17		24	7	24	B														
18		24	7	24	Y														
19		24	7	24	Y														
20		24	7	24	Y														
21		24	7	24	Y														
22		24	7	24	Y														
23		24	7	24	B														
24		24	7	24	B														
25		24	7	24	Y														
26		24	7	24	Y														
27		24	7	24	Y												0.0012		
28		24	7	24	Y														
29		24	7	24	Y														
30		24	7	24	B														
Monthly Average Limit:																			
Monthly Average:							0		0	0		0				0	0.0012	0	
Daily Maximum:							0		0	0		0				0	0.0012	0	
Daily Minimum:							0		0	0		0				0	0.0012	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****	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								
1		24	7	24	Y								
2		24	7	24	B								
3		24	7	24	B								
4		24	7	24	Y			H	H	H	H	H	H
5		24	7	24	Y								
6		24	7	24	Y			< 1					33
7		24	7	24	Y								
8		24	7	24	B								
9		24	7	24	B								
10		24	7	24	B								
11		24	7	24	Y								
12		24	7	24	Y								
13		24	7	24	Y								
14		24	7	24	Y								
15		24	7	24	Y								
16		24	7	24	B								
17		24	7	24	B								
18		24	7	24	Y								
19		24	7	24	Y								
20		24	7	24	Y								
21		24	7	24	Y								
22		24	7	24	Y								
23		24	7	24	B								
24		24	7	24	B								
25		24	7	24	Y								
26		24	7	24	Y								
27		24	7	24	Y								
28		24	7	24	Y								
29		24	7	24	Y								
30		24	7	24	B								
Monthly Average Limit:													
Monthly Average:								0					33
Daily Maximum:								0					33
Daily Minimum:								0					33

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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		406	479	23.6			
2		24							
3		24							
4		24		H	H	H	H		
5		24		258	250	18.4			
6		24		286	369	19.1	10.31		
7		24		323	291	21.5			
8		24		377	368	21.2			
9		24							
10		24							
11		24		300	317	15.7			
12		24		318	316	18.2	10.38		
13		24		450	392	20.5			
14		24		313	328	19.6			
15		24		295	431	20.9			
16		24							
17		24							
18		24		321	348	20.8			
19		24		379	268	21.3	8.21		
20		24		518	405	22.5			
21		24		595	700	24.6			
22		24		452	651	24.1			
23		24							
24		24							
25		24		475	424	20.5			
26		24		293	297	22.6	8.11		
27		24		471	515	24.6			
28		24		450	452	22.4			
29		24		516	381	22.3			
30		24						99.87584	98.750899
Monthly Average Limit:									
Monthly Average:				389.8	399.1	21.22	9.2525	99.87584	98.750899
Daily Maximum:				595	700	24.6	10.38	99.87584	98.750899
Daily Minimum:				258	250	15.7	8.11	99.87584	98.750899

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COMPLIANCE STATUS: Compliant

CONTACT PHONE #: 4337262

SUBMISSION DATE: 10/27/2023

Electronically Certified by Bradley Todd Flynt on 2023-10-27 08:50:56.862

10-30-23

ORC / Certifier Signature: Bradley Todd Flynt

Phone #: 336-4337262

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 2023-10-27 16:12:30.243

10/30/2023

Permittee/Submitter Signature: ***Elijah Lamont Williams

Phone #: 336-373-4632

Date

Permittee Address: 2350 Huffin Mill Rd Mc Leansville NC 273019304

Permit Expiration Date: 12/31/2023

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 - G/G out of range on 9/21 and 9/29; Blank >0.20 on 9/5, 9/6, 9/15, 9/25 and 9/28. Fecal exceeded 22 hour read out time on 9/12 and 9/25.