

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: 06-2024 (June 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
		2400 clock	Hrs	2400 clock	Hrs	Y/B/N	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			FCOLIBR	DO	TOTALN -						
	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	8	B		32.01										
2		24	7	24	8	B		31.77										
3		24	7	24	8	Y		32.58	25.2	7.6	< 14	< 0.1	7.9			7.91		
4		24	7	24	8	Y		32.84	25.4	7.6	< 14	< 0.1	9		79.4	7.66		
5		24	7	24	8	Y		33	25.8	7.6	< 14	< 0.1	8.2			7.79	3.73	
6		24	7	24	8	Y		32.5	26.1	7.5	< 14	< 0.1	7.73		261.3	8.19		
7		24	7	24	8	B		33.31	26	7.4	< 14	< 0.1	9.1			7.72		
8		24	7	24	8	B		31.77										
9		24	7	24	8	B		30.82										
10		24	7	24	8	Y		31.68	25.5	7.6	< 14	< 0.1	7.9			7.94		
11		24	7	24	8	Y		30.77	25.2	7.6	< 14	< 0.1	7.2		14.6	8.01		
12		24	7	24	8	Y		32.64	25.7	7.6	< 14	0.113	5.2			7.31	2.56	
13		24	7	24	8	Y		32.39	26.1	7.7	< 14	0.114	5.6		47.9	7.5		
14		24	7	24	8	Y		31.34	26.6	7.7	< 14	0.122	5.85			7.58		
15		24	7	24	8	B		29.99										
16		24	7	24	8	B		29.34										
17		24	7	24	8	Y		30.28	27.3	7.6	< 14	< 0.1	6.7			7.46		
18		24	7	24	8	Y		30.86	27.1	7.6	< 14	< 0.1	5.73		14.8	7.49		
19		24	7	24	8	Y		29.83	H	H	H	H	H	H	H	H	H	
20		24	7	24	8	Y		30.62	27.3	7.6	< 14	0.166	4.87		9.8	7.42	3.74	
21		24	7	24	8	Y		30.46	27.6	7.6	< 14	0.693	5.34			7.19		
22		24	7	24	8	B		29.84										
23		24	7	24	8	B		29.93										
24		24	7	24	8	Y		30.74	28.3	7.5	< 14	1.08	7.1			7.49		
25		24	7	24	8	Y		29.49	27.7	7.5	< 14	1.04	7.4		1.41	7.15		
26		24	7	24	8	Y		30.21	28.2	7.6	< 14	1.26	5.07			7.14	3.57	
27		24	7	24	8	Y		28.05	28.4	7.7	< 14	1.24	3.55		36.4	7.33		
28		24	7	24	8	Y		29.25	28.3	7.7	< 14	0.117	4.6			7.58		
29		24	7	24	8	B		31.43										
30		24	7	24	8	B		29.36										
Monthly Average Limit:										56				2	30	200		
Monthly Average:										30.97	26.726316		0	0.312895	6.528421	23.943193	7.571579	3.4
Daily Maximum:										33.31	28.4	7.7	0	1.26	9.1	261.3	8.19	3.74
Daily Minimum:										28.05	25.2	7.4	0	0	3.55	1.41	7.14	2.56

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

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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 Siz ² **	No Reporting Reason****	QM600	QV600	CO665	QM665	QV665	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 20C	NO2&NO3	TOT KjEL	8s-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	B														
2		24	7	24	B														
3		24	7	24	Y							2.34							
4		24	7	24	Y			0.407				<2				4.32			
5		24	7	24	Y							<2	0.81	2.92	<5				
6		24	7	24	Y							2.86							
7		24	7	24	B							2.74							
8		24	7	24	B														
9		24	7	24	B														
10		24	7	24	Y							2.38							
11		24	7	24	Y			0.44				2.4				4.17			
12		24	7	24	Y							2.03	0.16	2.4					
13		24	7	24	Y							<2							
14		24	7	24	Y							2.01							
15		24	7	24	B														
16		24	7	24	B														
17		24	7	24	Y							<2							
18		24	7	24	Y			0.359				<2				3.86			
19		24	7	24	Y			H				H	H	H	H			H	
20		24	7	24	Y							<2	<0.1	3.74					
21		24	7	24	Y							2.77							
22		24	7	24	B														
23		24	7	24	B														
24		24	7	24	Y							2.37							
25		24	7	24	Y			0.715				<2				3.68			
26		24	7	24	Y							<2	0.38	3.19					
27		24	7	24	Y							2.21							
28		24	7	24	Y							<2							
29		24	7	24	B														
30		24	7	24	B		26345.5596		3719										
Monthly Average Limit:												4			5.1				
Monthly Average:							26345.5596		0.48025	3719			1.268947	0.3375	3.0625	0	4.0075		
Daily Maximum:							26345.5596		0.715	3719			2.86	0.81	3.74	0	4.32		
Daily Minimum:							26345.5596		0.359	3719			0	0	2.4	0	3.68		

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							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		<0.5	<5		2.99			<2			9.3	
6		24	7	24	Y														
7		24	7	24	B														
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														
19		24	7	24	Y		H	H	H	H	H	H	H		H	0.006	H		
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														
Monthly Average Limit:																			
Monthly Average:							0		0	0		2.99				0	0.006		9.3
Daily Maximum:							0		0	0		2.99				0	0.006		9.3
Daily Minimum:							0		0	0		2.99				0	0.006		9.3

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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****	TGF3B	01077	01059	01102	01152	01087	01092	
							Composite	Composite	Composite	Composite	Composite	Composite	Composite	
							CER/DPF	SILVER	THALLIUM	TIN	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	
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			< 1					41.6	
6		24	7	24	Y									
7		24	7	24	B									
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									
19		24	7	24	Y			H	H	H	H	H	H	
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									
Monthly Average Limit:														
Monthly Average:								0						41.6
Daily Maximum:								0						41.6
Daily Minimum:								0						41.6

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COUNTY: Guilford

OWNER NAME: City of Greensboro

ORC: Bradley Todd Flynt

ORC CERT NUMBER: 27171

GRADE: WW-4.

ORC HAS CHANGED: No

eDMR PERIOD: 06-2024 (June 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							
2		24							
3		24		278	339	22.9			
4		24		312	355	21.4	13.1		
5		24		299	466	26.1			
6		24		276	476	24.5			
7		24		357	499	20.2			
8		24							
9		24							
10		24		378	408	23.4			
11		24		300	459	23.1	10.9		
12		24		347	514	23.1			
13		24		395	454	22.8			
14		24		341	484	23.4			
15		24							
16		24							
17		24		313	462	27.5			
18		24		331	415	24.2	16.3		
19		24		H	H	H	H		
20		24		376	729	28.7			
21		24		488	509	26			
22		24							
23		24							
24		24		407	337	23.8			
25		24		363	371	25.4	17.4		
26		24		373	369	28.9			
27		24		345	398	23.4			
28		24		306	378	23.6			
29		24							
30		24						99.713714	98.116421
Monthly Average Limit:									
Monthly Average:				346.578947	443.263158	24.336842	14.425	99.713714	98.116421
Daily Maximum:				488	729	28.9	17.4	99.713714	98.116421
Daily Minimum:				276	337	20.2	10.9	99.713714	98.116421

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OWNER NAME: City of Greensboro
GRADE: WW-4
eDMR PERIOD: 06-2024 (June 2024)
COMPLIANCE STATUS: Compliant

PERMIT VERSION: 4.0
CLASS: WW-4
ORC: Bradley Todd Flynt
ORC HAS CHANGED: No
VERSION: 1.0
CONTACT PHONE #: 3364337262

PERMIT STATUS: Expired
COUNTY: Guilford
ORC CERT NUMBER: 27171
STATUS: Submitted
SUBMISSION DATE: 07/29/2024

Electronically Certified by Bradley Todd Flynt on 2024-07-29 07:43:46.958

ORC/Certifier Signature: Bradley Todd Flynt

Phone #: 3364337262

Date



7/30/24

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 2024-07-29 11:37:50.553

Permittee/Submitter Signature: ***Elijah Lamont Williams

Phone #: 336-373-4632

Date



7/30/2024

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: Bradley Flynt

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- Glucose/Glutamic Acid standard out of range 6/11-12; Blank depleted >0.20 mg/l on 6/7,6/14,6/24-26.

