

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: 09-2024 (September 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	50600	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	
	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	B		35.52									
2		24	7	24	Y		34.25	H	H	H	H	H	H	H	H	
3		24	7	24	Y		33.75	28	7.4	< 14	< 0.1	5	26.6	6.89		
4		24	7	24	Y		32.54	27.8	7.5	< 14	< 0.1	5.34	9.6	7.35	6.31	
5		24	7	24	Y		33.41	27.8	7.5	< 14	< 0.1	5.27	25.9	7.09		
6		24	7	24	Y		32.92	28.1	7.4	< 14	< 0.1	5.6	4.1	7.41		
7		24	7	24	B		31.54									
8		24	7	24	B		31.07									
9		24	7	24	Y		32.35	27.1	7.5	< 14	1.51	7.8	1	7.17		
10		24	7	24	Y		31.37	26.5	7.5	< 14	1.24	7.5	5.2	7.45		
11		24	7	24	Y		30.49	26.2	7.6	< 14	< 0.1	6.1	16.9	7.63	2.83	
12		24	7	24	Y		31.28	26.8	7.6	< 14	< 0.1	6	18.7	7.55		
13		24	7	24	Y		32.15	27.3	7.6	< 14	< 0.1	5.8	42	8.1		
14		24	7	24	B		31.36									
15		24	7	24	B		31.7									
16		24	7	24	Y		34.68	27	7.7	< 14	< 0.1	6.4	7.6	7.46		
17		24	7	24	Y		54.06	27	7.5	< 14	< 0.1	5.31	6.3	7.42		
18		24	7	24	Y		40.17	26.5	7.5	< 14	< 0.1	5.08	9.6	7.64	2.29	
19		24	7	24	Y		36.12	26.8	7.5	< 14	< 0.1	5.07	9.6	7.64		
20		24	7	24	Y		35.75	27.1	7.6	< 14	< 0.1	4.54	34.1	7.75		
21		24	7	24	B		33.65									
22		24	7	24	B		33.6									
23		24	7	24	Y		34.16	27	7.7	< 14	< 0.1	4.93	7.3	7.7		
24		24	7	24	B		45.27	27.4	7.6	< 14	< 0.1	4.94	126.7	7.4		
25		24	7	24	Y		53.57	27.4	7.5	< 14	< 0.1	5.94	365.4	7.48	3.03	
26		24	7	24	B		43.08	27.2	7.5	< 14	< 0.1	5.47	5.2	7.51		
27		24	7	24	Y		56.54	27.2	7.5	< 14	< 0.1	6.27	13.1	7.56		
28		24	7	24	B		45.91									
29		24	7	24	B		39.56									
30		24	7	24	Y		40.46	26.3	7.5	< 14	< 0.1	7.47	3.57	7.54		
Monthly Average Limit:							56				2	30	200			
Monthly Average:							37.076	27.125		0	0.1375	5.7915	13.128768	7.487	3.615	
Daily Maximum:							56.54	28.1	7.7	0	1.51	7.8	365.4	8.1	6.31	
Daily Minimum:							30.49	26.2	7.4	0	0	4.54	1	6.89	2.29	

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

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ORC: Bradley Todd Flynt

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GRADE: WW-4

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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	01997		
							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 2/C	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	B														
2		24	7	24	Y				H			H	H	H	H			H	
3		24	7	24	Y				0.278			<2						2.07	
4		24	7	24	Y							<2	3.58	2.73	<5				
5		24	7	24	Y							<2							
6		24	7	24	Y							<2							
7		24	7	24	B														
8		24	7	24	B														
9		24	7	24	Y							<2							
10		24	7	24	Y				1.67			<2						6.68	
11		24	7	24	Y							<2	0.81	2.02					
12		24	7	24	Y							<2							
13		24	7	24	Y							<2							
14		24	7	24	B														
15		24	7	24	B														
16		24	7	24	Y							<2							
17		24	7	24	Y				0.413			<2						2.33	
18		24	7	24	Y							<2	0.27	2.02					
19		24	7	24	Y							<2							
20		24	7	24	Y							<2							
21		24	7	24	B														
22		24	7	24	B														
23		24	7	24	Y							<2							
24		24	7	24	B				0.292			<2						3.37	
25		24	7	24	Y							<2	0.78	2.25					
26		24	7	24	B							<2							
27		24	7	24	Y							<2							
28		24	7	24	B														
29		24	7	24	B														
30		24	7	24	Y		33581.2268			6150		<2							
Monthly Average Limit:												4			5.1				
Monthly Average:							33581.2268		0.66325	6150		0	1.36	2.255	0	3.6125			
Daily Maximum:							33581.2268		1.67	6150		0	3.58	2.73	0	6.68			
Daily Minimum:							33581.2268		0.278	6150		0	0.27	2.02	0	2.07			

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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														
1		24	7	24	B														
2		24	7	24	Y		H	H	H	H	H	H	H		H	H	H		
3		24	7	24	Y														
4		24	7	24	Y		2.31		< 0.5	< 5		2.58			< 2			6.76	
5		24	7	24	Y														
6		24	7	24	Y														
7		24	7	24	B														
8		24	7	24	B														
9		24	7	24	Y														
10		24	7	24	Y														
11		24	7	24	Y														
12		24	7	24	Y														
13		24	7	24	Y														
14		24	7	24	B														
15		24	7	24	B														
16		24	7	24	Y														
17		24	7	24	Y														
18		24	7	24	Y														
19		24	7	24	Y														
20		24	7	24	Y														
21		24	7	24	B														
22		24	7	24	B														
23		24	7	24	Y														
24		24	7	24	B												0.002		
25		24	7	24	Y														
26		24	7	24	B														
27		24	7	24	Y														
28		24	7	24	B														
29		24	7	24	B														
30		24	7	24	Y														
Monthly Average Limit:																			
Monthly Average:							2.31		0	0		2.58			0	0.002		6.76	
Daily Maximum:							2.31		0	0		2.58			0	0.002		6.76	
Daily Minimum:							2.31		0	0		2.58			0	0.002		6.76	

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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	pass/fail	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1		24	7	24	B								
2		24	7	24	Y			H	H	H	H	H	H
3		24	7	24	Y								
4		24	7	24	Y			< 1					36.2
5		24	7	24	Y								
6		24	7	24	Y								
7		24	7	24	B								
8		24	7	24	B								
9		24	7	24	Y								
10		24	7	24	Y								
11		24	7	24	Y								
12		24	7	24	Y								
13		24	7	24	Y								
14		24	7	24	B								
15		24	7	24	B								
16		24	7	24	Y								
17		24	7	24	Y								
18		24	7	24	Y								
19		24	7	24	Y								
20		24	7	24	Y								
21		24	7	24	B								
22		24	7	24	B								
23		24	7	24	Y								
24		24	7	24	B								
25		24	7	24	Y								
26		24	7	24	B								
27		24	7	24	Y								
28		24	7	24	B								
29		24	7	24	B								
30		24	7	24	Y								
Monthly Average Limit:													
Monthly Average:								0					36.2
Daily Maximum:								0					36.2
Daily Minimum:								0					36.2

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GRADE: WW-4

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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
				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		H	H	H	H		
3		24		297	237	21.2	8.86		
4		24		358	320	23.6			
5		24		646	419	25.8			
6		24		473	443	36.7			
7		24							
8		24							
9		24		346	371	25			
10		24		290	334	23.8	7.28		
11		24		411	432	24.8			
12		24		353	344	26.6			
13		24		363	886	32.2			
14		24							
15		24							
16		24		368	434	22.4			
17		24		313	299	22.5	8.97		
18		24		286	260	14.9			
19		24		418	318	23.8			
20		24		327	407	28.9			
21		24							
22		24							
23		24		278	336	27.3			
24		24		368	317	25.1	9.41		
25		24		300	301	17.5			
26		24		280	206	16.1			
27		24		274	263	18.9			
28		24							
29		24							
30		24		297	257	18.4		100	98.36
Monthly Average Limit:									
Monthly Average:				352.3	359.2	23.775	8.63	100	98.36
Daily Maximum:				646	886	36.7	9.41	100	98.36
Daily Minimum:				274	206	14.9	7.28	100	98.36

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COMPLIANCE STATUS: Compliant

CONTACT PHONE #: 3364337262

SUBMISSION DATE: 10/29/2024

Electronically Certified by Bradley Todd Flynt on 2024-10-28 15:38:09.974

Bradley Flynt 10/30/24

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 2024-10-29 08:37:50.562

E. Williams 10/30/2024

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- Glucose/Glutamic Acid standard out of range 9/20; Blank depleted >0.20 mg/l on 9/3, 9/4, 9/13.