

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: 08-2024 (August 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	
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N											
							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		34.11	28.9	7.7	< 14	< 0.1	3.55	7.5	7.56		
2		24	7	24	Y		34.5	28.8	7.5	< 14	< 0.1	3.6	12.1	7.06		
3		24	7	24	B		37.58									
4		24	7	24	B		33.57									
5		24	7	24	Y		35.29	29	7.7	< 14	< 0.1	3.75	6.69	7.29		
6		24	7	24	Y		35.74	28.6	7.8	< 14	< 0.1	3.8	8.6	7.31		
7		24	7	24	Y		35.05	28.7	7.6	< 14	< 0.1	3.45	8.5	7.25	2.99	
8		24	7	24	Y		89.65	28.2	7.7	< 14	< 0.1	3.65	26.2	7.12		
9		24	7	24	Y		63.2	25.7	7	< 14	6.34	93	1986.3	7.44		
10		24	7	24	B		77.44									
11		24	7	24	B		42.2									
12		24	7	24	Y		39.8	27	7.5	< 14	9.04	13.8	1047.8	6.76		
13		24	7	24	Y		38.09	27.3	7.5	19	0.782	6.64	579.4	6.95		
14		24	7	24	Y		35.19	27.3	7.6	42.3	< 0.1	5.58	410.6	7.4	2.15	
15		24	7	24	Y		33.58	27.7	7.5	< 14	< 0.1	6.17	579.4	7.03		
16		24	7	24	Y		33.75	28.4	7.5	< 14	0.106	8.46	365.4	6.64		
17		24	7	24	B		37.44									
18		24	7	24	B		32.83									
19		24	7	24	Y		32.9	28	7.5	< 14	< 0.1	5.67	56.3	6.71		
20		24	7	24	Y		32.71	28	7.6	< 14	< 0.1	5.47	62.7	7.16		
21		24	7	24	Y		32.72	27.2	7.6	< 14	< 0.1	4.94	5.2	7.3	1.95	
22		24	7	24	Y		32.85	27.7	7.7	< 14	< 0.1	4.53	11	7.27		
23		24	7	24	Y		32.32	27.3	7.6	< 14	< 0.1	6	9.8	7.32		
24		24	7	24	B		32.16									
25		24	7	24	B		32.34									
26		24	7	24	Y		33.85	28	7.6	< 14	< 0.1	6.03	28.1	7.51		
27		24	7	24	Y		32.94	28	7.6	< 14	< 0.1	5.75	42.6	7.23		
28		24	7	24	Y		32.09	28.7	7.7	17	< 0.1	6.08	23.3	7.61	2.63	
29		24	7	24	Y		33	29.2	7.6	15	< 0.1	5.32	24.6	7.53		
30		24	7	24	Y		34.87	29.4	7.5	< 14	0.107	4.38	25.9	7.28		
31		24	7	24	B		33.58									
Monthly Average Limit:							56				2	30	200			
Monthly Average:							38.623871	28.05		4.240909	0.744318	9.528182	46.248091	7.215	2.43	
Daily Maximum:							89.65	29.4	7.8	42.3	9.04	93	1986.3	7.61	2.99	
Daily Minimum:							32.09	25.7	7	0	0	3.45	5.2	6.64	1.95	

**** 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	COD 20C	NO2&NO3	TOT KJEL	Se-TOTAL	14DIOXAN	ANTIMONY				
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N																
1		24	7	24	Y							<2									
2		24	7	24	Y							<2									
3		24	7	24	B																
4		24	7	24	B																
5		24	7	24	Y							<2									
6		24	7	24	Y			0.379				<2						5.44			
7		24	7	24	Y							<2	1.1	1.89	<5						
8		24	7	24	Y							<2									
9		24	7	24	Y							40.8									
10		24	7	24	B																
11		24	7	24	B																
12		24	7	24	Y																
13		24	7	24	Y			0.4				10.1									
14		24	7	24	Y							3.86						3.21			
15		24	7	24	Y							2.64	0.2	1.95							
16		24	7	24	Y							<2									
17		24	7	24	Y							<2									
18		24	7	24	B																
19		24	7	24	B																
20		24	7	24	Y							2.01									
21		24	7	24	Y			0.199				<2						1.91			
22		24	7	24	Y							<2	0.44	1.51							
23		24	7	24	Y							<2									
24		24	7	24	Y							<2									
25		24	7	24	B																
26		24	7	24	B																
27		24	7	24	Y							<2									
28		24	7	24	Y			0.217				<2						4.4			
29		24	7	24	Y							<2	0.72	1.91							
30		24	7	24	Y							<2									
31		24	7	24	B		24264.7212		2986												
Monthly Average Limit:												4				5.1					
Monthly Average:							24264.7212		0.29875	2986			2.700455	0.615	1.815	0	3.74				
Daily Maximum:							24264.7212		0.4	2986			40.8	1.1	1.95	0	5.44				
Daily Minimum:							24264.7212		0.199	2986			0	0.2	1.51	0	1.91				

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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	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														
7		24	7	24	Y		< 2		< 0.5	< 5		2.21			< 2	0.0027	11.6		
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	Y														
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														
30		24	7	24	Y														
31		24	7	24	B														
Monthly Average Limit:																			
Monthly Average:							0		0	0		2.21			0		0.0027	11.6	
Daily Maximum:							0		0	0		2.21			0		0.0027	11.6	
Daily Minimum:							0		0	0		2.21			0		0.0027	11.6	

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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	
							CER/DPF	SILVER	THALLIUM	TIN	TITANIUM	VANADIUM	ZINC	
	2400 clock	Hrs	2400 clock	Hrs	Y/B/N									
1		24	7	24	Y		pass/fail	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
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									
7		24	7	24	Y			< 1					35.3	
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	Y									
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									
30		24	7	24	Y									
31		24	7	24	B									
Monthly Average Limit:														
Monthly Average:								0						35.3
Daily Maximum:								0						35.3
Daily Minimum:								0						35.3

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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		266	307	24.6			
2		24		380	339	22.7			
3		24							
4		24							
5		24		306	336	22.4			
6		24		304	341	29.5	26.2		
7		24		419	326	21.7			
8		24		646	522	27.3			
9		24		269	198	6.77			
10		24							
11		24							
12		24		359	226	13.7			
13		24		685	302	15.5	12.5		
14		24		423	362	24.5			
15		24		514	406	24.5			
16		24		528	256	22.6			
17		24							
18		24							
19		24		344	305	17.8			
20		24		449	335	27.3	15		
21		24		507	347	24.9			
22		24		431	407	24.6			
23		24		406	352	24.3			
24		24							
25		24							
26		24		349	307	21			
27		24		349	206	20.4	11.4		
28		24		308	351	24.7			
29		24		355	362	23.3			
30		24		414	430	23.5			
31		24						99.19	97.67
Monthly Average Limit:									
Monthly Average:				409.590909	332.863636	22.162273	16.275	99.19	97.67
Daily Maximum:				685	522	29.5	26.2	99.19	97.67
Daily Minimum:				266	198	6.77	11.4	99.19	97.67

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COMPLIANCE STATUS: Non-Compliant

CONTACT PHONE #: 3364337262

SUBMISSION DATE: 09/27/2024

Electronically Certified by Bradley Todd Flynt on 2024-09-26 10:59:41.15

ORC / Certifier Signature: Bradley Todd Flynt



Phone #: 3364337262

9/30/24

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 2024-09-27 09:08:51.166

Permittee/Submitter Signature: ***Elijah Lamont Williams

Phone #: 336-373-4632

Date



9/30/2024

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: 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:

We had one WA CBOD violation for the week of 8/5-9/2024 due to remnants of Hurricane Debby. This also caused a WA fecal violation for the following week of 8/12-16/2024. The chlorine on 8/14 was an average of 3 samples. Flow readings for NB for the calculated influent values on 8/8-9/2024 were estimated because of issues with instrumentation during the storm.