Lab Certification #: $\frac{5999}{}$ Date: $\frac{1/1/20}{}$											Faci	Facility Name: New Town WWTP  Permit #: NC0001234					
Sample Collector/Analyst: JD , JD										Permit#: NC0001234							
Reference Method: SM 4500 Ht B-2011 pH Instrument ID: Hach*5678																	
Calibration Calibration Buffer Time 4 S.U.					Calibration Buffer 7 S.U.				Calibration Buffer 10 S.U.			*Check Buffer 7 S.U.			Comments		
7:06		<u> </u>									7.03						
*pH check buffe 4 S.U. buffer Lo	H check buffer must read within ± 0.1 S.U. of the buffer's true value. Check buffer acceptable (circle)? (fes) / No S.U. buffer Lot#: PH7100   10 S.U. buffer Lot#: PH0100    Sample   Sample   Reported																
Sample Sample Collection Collection				Sample Analysis Time**		pł Read		Reported pH Result		▶Post-analysi Check True Va					Comments/Data Qualifiers		
Downst				_	7:30		, .q	Ø	7.0		Time		Result	-	10	sih	
lestre	an				7:45	1	2-9	5	7.0						In	sih	
Efflu	ent				8:09	5	6.	91	6-9		8:07	-	7.03		1	n silm	
comments box  ➤ A post-analy  calibration. The  Post-analysis c  All pH values	*If sample is measured directly in the stream or immediately on site, one time may be recorded for collection and analysis with the notation in the comments box that they are measured in situ or immediately at the sample site.  A post-analysis calibration verification must be analyzed at the end of the run any time the meter is transported by vehicle to another location after alibration. The Post analysis buffer check must be within ± 0.1 S.U. of the buffer's true value.  Post-analysis check buffer acceptable (circle)?  ( ) No  Ill pH values are in pH units (i.e., S.U.). Record all data to the nearest 0.01 S.U. and report to the nearest 0.1 S.U on DMRs.  Follow PT vendor's instructions for reporting PT Sample results.																
Reference Meti	Reference Method: SM 4500 0 G - 2016 Dissolved Oxygen (DO) Instrument ID: VS 1 # 123 Y																
Calibration Time	Varial	alibration Calibra Variable Varial ssure (mm Hg) (°C)		ble	(mg/L	Meter reading (mg/L) after					s calibration verification zing at multiple sites)					Comments	
	Hg)			) calib		1		emp (°C)	Table DO value (mg/L)		Barometri Pressure (mm Hg)	•	Correcti from the DO		ical		
7:10	730		19.6	3	8.96		1	9.5	9.18	T -	730		0-96				
										357	Calculated		Me Reading	eter	n/L)		
							T	IME	8:12		3.81	, _,	8-9		3, -)		
Note: Calibratio † A post-analys calibration. The meter read	sis calibra	ation ve	erification	n mus	st be anal	yzed at	the e	end of	the run any	y tim	e the met	er is t			/ vehi	cle to another location after	
Sample Loc	ation		Sample ection Tir	ne	*Sample Analysis Time			s DO reading (mg/L)			Com			nments/Data Qualifiers			
Downst	reum				7:3	32		6.0	91		1/1 <						
lestre	un				7:	47		6.	87		In 5	ih	<u> </u>				
	ent				8:10			6.85			insitu						
f If sample is m neasured in sit						onsite, o	only t				e recorde	ed wit	h a note i	in the	com	ments box that they are	
Reference M	ethod:	THE RESERVE OF STREET	and the same of th			10		16	mperature	<b>3</b>			Instrur	nent	ID: Y	SI#1234	
Sample Loca	ation	Colle	nple ection ne	An	Sample Tempera analysis (°C)			ture			Comments/Data Qualifiers						
Efflu	ent			<i>8</i> '.	10				i	1	5.h						

<sup>\*</sup> If sample is measured directly in the stream and/or on site, only time analyzed would be recorded, with a note in the comments box that they are measured in situ or immediately at the sample site

Annual Verification Date 5/20/3

Reference	ce Method	5M 4	1500	CLE	1-201	) T	otal R	esidual	Chlorin	e (TRC)	)	Instrum	ent ID: H	De900	NI	
Time Daily Check Standard Analyzed  Daily Check Standard Reading µg/L					Comments/Data Qualifiers											
8:15 201																
TRC Dai	ly Check andards	Standard Tr must recove Curve Ver	er within :	±10% of	the check	stanc	dard's	true valu	178-3 ue. Is the used:	daily c	heck	µg/L std acceptal	ble (circle)?	(Yes)/ No		
Sample Location Samp Collect Time			tion Analysis			RC Me Readii µg/L	ng	TRC Result Reported µg/L			Comments/Data Qualifiers					
Effluent 8:20 8:25 15									12	O						
Reference	ce Method	1:Hach	101			T	otal R	esidual	Chlorin	e (TRC)	)	Instrum	ent ID: <u># 1</u>	DR280	ONZ	
Time Check S Analy	tandard	Daily Ch Standard R µg/L	Reading		(	Comr	nents/	Data Qu	ıalifiers							
8:19		201				-										
TRC Dai	FRC Daily Check Standard True Value 4															
				Sample TRC Meter Reading µg/L			F	Reagent Blank Rep			C Re eport µg/L	Comments/Data Chalmers			ualifiers	
ECAL	1 est	8.20	, <sub>8</sub>	:25	5 26			1 25			5					
Are all reagent blank values <5 μg/L (circle)?(Yè) / No  Reference Method: SYM 2570 B - 201/  Calibration Std (1412 Std Reading (μmhos/cm) (μmhos/cm) Check Std Time								Post-analysis Calibration Check Std Reading (µmhos/cm)				Instrum	Instrument ID: VSI #3456  Comments			
	00	1<	5.1	4	8:10			15-0								
The check St No [A post-a	ck standa tandard T malysis c	rd(s) must r rue Value_	ecover w 4.9	ithin 10 _ (µmho be anal	% of the tru s/cm) Accep yzed at the	end o		<sub>ge</sub> 13.4.	-16.4			**		acceptable (c	ircle)? Yes /	
	Sample Sample Collection Location Date Collection Time Sample (µmhos/cm) Comments/Data Qualifiers									s						
Uset	rem	rolat 1	11/24	7:3	5			20	.4		i۸	sith				
מינים	Spran	4112	y -	1:51	)			21.6 i				n'sihi				
EFFI	ant	4117	-	8.16				70	,.9		,	nsih				
measure		r immediate	lly in the	stream		te, o	nly tim	e analyz	zed woul	ld be re	corde	ed, with a not	te in the con	nments box th	at they are	
					_		Se	ettleahle	e Residu	ıe						
Reference	e Method	: 5M	-25	40	F - 20	15			- 1.00101							
Sample Location		Sample Collection	•	mple ection	Sample Volume	•	ample nalysis	Ana	ample 45-I nalysis St art Time (che			Sample Analysis	mL Residue	Reported Value	Comments/Data Qualifiers	
	ation	Date		ime	(mL)	l	Date	Star	t Time	(chec	k)	End Time		(mL/L)		

## Salinity

Reference Metho	Reference Method: SM 2520 B-2011 Instrument ID: \S1#30											
Calibration Std (1412 µmhos/cm) Time	Calibration Std Temperature (°C)	Calibration Check Std Reading (µmhos/cm)	Cal Check Std Temperature (°C)	Post- analysis Cal Check Std Time	Post-analysis Cal Check Std Temperature (°C)	Post-analysis Calibration Check Std Reading (µmhos/cm)	Comments					
7:00	14.2	15.1	19.3	8:10	19.1	15.0						

The check standard(s) must recover within 10% of the true value.

Check Standard True Value 14.9 (µmhos/cm) Acceptance range 3.4 - 16.4 (µmhos/cm) Is the calibration check acceptable (circle)? Yes / No [A post-analysis check standard must be analyzed at the end of a run any time the meter is transported by vehicle to another location after calibration] Is the post-analysis check std acceptable (circle)? Yes / No

Sample Location	Sample Collection Date	Sample Collection Time	*Sample Analysis Date	*Sample Analysis Time	Sample Temperature (°C)	Salinity Result (ppt)	Comments/Data Qualifiers
Uestream	1/1/24	7:35			18.9	1.2	in silu
Downstream	1/1/24	7:50			18-9	7.3	insih

<sup>\*</sup> If sample is measured directly in the stream and/or on site, only time analyzed would be recorded, with a note in the comments box that they are measured in situ or immediately at the sample site