CHEMTECH

BOD5 LOG

ANALYST: jignesh

SUPERVISOR: Iwona

QC BATCH ID: LB121921

Analysis Date: 09/08/2022

BOD Water: WP98855

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: M5038

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP98856

NaOH, 1N: WP97250

GGA: WP98857

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

Zero DO: WP98094

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading(ML)	Final Reading(ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.65 Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg Winkler titrated BOD fluid DO reading1: 8.96

After Incubation

Meter Calibration2: 8.63 Zero DO Reading2: 0.04 mg/L (<=0.2 Criteria)

Barometric Pressure2: 750 mmHg Winkler titrated BOD fluid DO reading2: 8.84

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QC BATCH ID: LB121921

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 10:30

TIME OUT: 12:30

DATE IN: 09/08/2022

DATE OUT: 09/13/2022

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB121921BL	1	No	6.8	N/A	21.20	300	8.92	8.82	0.1	0.1	0.1	
POLYSEED	1					10	8.92	5.27	3.65	0.73	0.75	
POLYSEED	2					15	8.91	3.37	5.54	0.74		
POLYSEED	3					20	8.89	1.24	7.65	0.77		
GGA	1					6	8.93	4.30	4.63	194	198.5	
GGA	2					6	8.92	4.26	4.66	195.5		
GGA	3					6	8.89	4.02	4.87	206		
N4515-01	1	No	6.33	7.20	20.60	0.1	8.91	6.27	2.64	5670	4950	pH Adjuste
N4515-01	2					0.2	8.90	5.33	3.57	4230		
N4515-01	3					0.5	8.89	0.28	-	0		
N4515-01	4					1	8.88	0.24	-	0		
N4521-02	1	No	6.88	N/A	20.20	0.5	8.91	7.09	-	0	719.17	
N4521-02	2					1	8.90	5.42	3.48	819		
N4521-02	3					2	8.88	3.58	5.3	682.5		
N4521-02	4					3	8.86	1.55	7.31	656		
N4521-02DUP	1	No	6.88	N/A	20.20	0.5	8.84	7.06	-	0	722.83	
N4521-02DUP	2					1	8.83	5.46	3.37	786		
N4521-02DUP	3					2	8.82	3.24	5.58	724.5		
N4521-02DUP	4					3	8.80	1.47	7.33	658		
N4524-01	1	No	8.38	7.20	23.30	5	8.91	7.68	-	0	3.58	pH Adjuste
N4524-01	2					20	8.89	7.64	-	0		
N4524-01	3					50	8.80	6.99	-	0		
N4524-01	4					150	8.50	5.96	2.54	3.58		
N4532-01	1	No	8.51	7.2	20.50	0.1	8.90	7.61	-	0	1593	pH Adjuste
N4532-01	2					0.2	8.89	7.14	-	0		
N4532-01	3					0.5	8.88	5.45	3.43	1608		
N4532-01	4					1	8.87	2.86	6.01	1578		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.