



CBOD5 LOG

ANALYST: jignesh

SUPERVISOR: Iwona

QC BATCH ID: LB123219

Analysis Date: 12/12/2022

BOD Water: WP100221

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP97258

Sodium Thiosulfate, 0.025N: W2941

POLYSEED: WP100223

NaOH, 1N: WP97250

GGA: WP100222

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

Zero DO: WP100199

Nitrification Inhibitor: W2792

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.80	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.80	17.6	8.8	8.8

Meter Calibration1: 8.56

Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)

Barometric Pressure1: 7.60 mmHg

Winkler titrated BOD fluid DO reading1: 8.74

After Incubation

Meter Calibration2: 8.69

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

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.62



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INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 14:30

TIME OUT: 11:00

DATE IN: 12/12/2022

DATE OUT: 12/17/2022

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
LB123219BL	1	No	6.70	N/A	20.10	300	8.73	8.55	0.18	0.18	0.18	
POLYSEED	1					10	8.67	5.27	3.4	0.68	0.67	
POLYSEED	2					15	8.62	3.47	5.15	0.69		
POLYSEED	3					20	8.55	2.23	6.32	0.63		
GGA	1					6	8.62	3.70	4.92	212.5	213	
GGA	2					6	8.60	3.71	4.89	211		
GGA	3					6	8.59	3.61	4.98	215.5		
N6005-01	1	No	6.65	N/A	20.10	5	8.69	8.10	-	0		
N6005-01	2					20	8.65	8.01	-	0		
N6005-01	3					50	8.59	7.97	-	0		
N6005-01	4					150	8.43	7.19	-	0		
N6005-01DUP	1	No	6.65	N/A	20.10	5	8.70	8.12	-	0		
N6005-01DUP	2					20	8.66	8.04	-	0		
N6005-01DUP	3					50	8.60	7.99	-	0		
N6005-01DUP	4					150	8.45	7.22	-	0		

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

WORKLIST(Hardcopy Internal Chain)

16123219

WorkList Name : cbod12-

WorkList ID : 165702

Department : Wet-Chemistry

Date : 12-12-2022 13:11:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/13/2022	Water	N6005-01J	CBOD5	Cool 4 deg C	SOUN03	M13	TP	12/12/2022	SM5210 B

Date/Time 12/12/2022 13:15
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: Ap (SM)

Date/Time 12/12/2022 14:15
 Raw Sample Received by: Ap (SM)
 Raw Sample Relinquished by: RM CWC