



BOD Soluble LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 07/07/2021

QC BATCH ID: LB115238

BOD Water: WP91876

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP91878

GGA: WP91877

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP90938

NaOH, 1N: WP89214

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP91886

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.9
WINKLER 2	WINKLER 2	2	300	8.9	17.8	8.9	8.9

Meter Calibration1: 8.26

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.21

After Incubation

Meter Calibration2: 8.36

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.46



QC BATCH ID: LB115238

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:45

TIME OUT: 11:30

DATE IN: 07/07/2021

DATE OUT: 07/12/2021

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
LB115238BL	1	No	6.0	N/A	21.20	300	8.20	8.18	0.02	0.02	0.02	
POLYSEED	1					10	8.17	3.40	4.77	0.95	0.82	
POLYSEED	2					15	8.16	3.07	5.09	0.68		
POLYSEED	3					20	8.13	0.52	-	0		
GGA	1					6	8.15	3.75	4.4	179	196.17	
GGA	2					6	8.15	3.05	5.1	214		
GGA	3					6	8.14	3.41	4.73	195.5		
M2945-01	1	No	7.94	N/A	25.70	2	8.08	6.86	-	0	24.78	
M2945-01	2					10	8.02	6.40	-	0		
M2945-01	3					20	7.96	6.13	-	0		
M2945-01	4					50	7.62	2.67	4.95	24.78		
M2945-01DUP	1	No	7.94	N/A	25.70	2	8.10	6.85	-	0	25.08	
M2945-01DUP	2					10	8.05	6.38	-	0		
M2945-01DUP	3					20	7.98	6.10	-	0		
M2945-01DUP	4					50	7.65	2.65	5	25.08		

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

WORKLIST(Hardcopy Internal Chain)

LB115238

WorkList Name : bodsol7721 WorkList ID : 150380 Department : Wet-Chemistry Date : 07-07-2021 16:09:20

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/08/2021	Water	M2945-01	BOD Soluble	Cool 4 deg C	M&MM01	L11	FE-19C-SOLUBLE	07/06/2021	SM5210 B

Date/Time 07/07/21 16:10
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 07/07/21 16:50
 Raw Sample Received by: JR (CC)
 Raw Sample Relinquished by: KS (WC)