



BOD Soluble LOG

ANALYST: ketankumar

SUPERVISOR: apatel

QC BATCH ID: LB116704

Analysis Date: 10/06/2021

BOD Water: WP93298

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2703

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: WP91648

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP93300

NaOH, 1N: WP91991

GGA: WP93299

IncubatorID: INCUBATOR #3

Chlorine Strips: W2544

GuageID: 0511064

pH Strips: W2716

Zero DO: WP92838

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.1	9.1	9.15
WINKLER 2	WINKLER 2	2	300	9.1	18.3	9.2	9.15

Meter Calibration1: 8.90

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 771 mmHg

Winkler titrated BOD fluid DO reading1: 8.92

After Incubation

Meter Calibration2: 8.93

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.98



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INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:25

TIME OUT: 11:30

DATE IN: 10/06/2021

DATE OUT: 10/11/2021

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
LB116704BL	1	No	6.4	N/A	20.60	300	9.00	8.80	0.2	0.2	0.2	
POLYSEED	1					10	8.98	4.54	4.44	0.89	0.79	
POLYSEED	2					15	8.95	3.53	5.42	0.72		
POLYSEED	3					20	8.93	1.26	7.67	0.77		
GGA	1					6	9.00	4.09	4.91	206	204.67	
GGA	2					6	8.98	3.95	5.03	212		
GGA	3					6	8.94	4.23	4.71	196		
M4085-01	1	No	7.20	N/A	20.60	2	8.93	6.96	-	0	66.53	
M4085-01	2					10	8.90	5.24	3.66	86.1		
M4085-01	3					20	8.88	4.96	3.92	46.95		
M4085-01	4					50	8.87	0.18	-	0		
M4085-01DUP	1	No	7.20	N/A	20.60	2	8.91	6.95	-	0	66.45	
M4085-01DUP	2					10	8.90	5.25	3.65	85.8		
M4085-01DUP	3					20	8.88	4.95	3.93	47.1		
M4085-01DUP	4					50	8.86	0.20	-	0		

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

CB116704

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BODSOL10621 WorkList ID : 152987 Department : Wet-Chemistry Date : 10-06-2021 14:11:31

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/07/2021	Water	M4085-01	BOD Soluble	Cool 4 deg C	M&MM01	J61	FE-19C-SOLUBLE	10/05/2021	SM5210 B

Date/Time 10/6/21 16:30
Raw Sample Received by: KS (WC)
Raw Sample Relinquished by: KS (WC)

Date/Time 10/6/21 17:30
Raw Sample Received by: JR (WC)
Raw Sample Relinquished by: KS (WC)