

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: mohammad

Analysis Date: 05/13/2022

QC BATCH ID: LB120196

BOD Water: WP96750

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP96752

GGA: WP96751

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP94570

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP96459

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	8.9
WINKLER 2	WINKLER 2	2	300	8.8	17.8	9	8.9

Meter Calibration1: 8.70

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.95

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.83



QC BATCH ID: LB120196

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:55

TIME OUT: 12:00

DATE IN: 05/13/2022

DATE OUT: 05/18/2022

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
LB120196BL	1	No	6.0	N/A	21.20	300	8.89	8.70	0.19	0.19	0.19	
POLYSEED	1					10	8.87	4.17	4.7	0.94	0.91	
POLYSEED	2					15	8.85	2.30	6.55	0.87		
POLYSEED	3					20	8.83	0.57	-	0		
GGA	1					6	8.85	3.73	5.12	210.5	208.17	
GGA	2					6	8.84	3.54	5.3	219.5		
GGA	3					6	8.82	4.02	4.8	194.5		
N2880-02	1	No	9.40	7.20	20.30	0.5	8.87	2.34	6.53	3372	3372	pH Adjusted
N2880-02	2					1	8.85	0.21	-	0		
N2880-02	3					2	8.83	0.19	-	0		
N2880-02	4					3	8.80	0.17	-	0		
N2880-02DUP	1	No	9.40	7.20	20.30	0.5	8.88	2.35	6.53	3372	3372	pH Adjusted
N2880-02DUP	2					1	8.87	0.25	-	0		
N2880-02DUP	3					2	8.85	0.20	-	0		
N2880-02DUP	4					3	8.83	0.18	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 120196

WorkList Name : bod51322-1 WorkList ID : 159673 Department : Wet-Chemistry Date : 05-13-2022 15:15:34

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/15/2022	Water	N2880-02	BOD5	Cool 4 deg C	ARDM01	K41	EFF-WWW	05/13/2022	SM5210 B

Date/Time 05/13/22 17:15
 Raw Sample Received by: KS (ws)
 Raw Sample Relinquished by: [Signature]

Date/Time 05/13/22 18:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: KS (ws)