

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 08/12/2021

QC BATCH ID: LB115807

BOD Water: wp92499

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: wp92501

GGA: wp92500

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP91991

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP92454

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.6	8.6	8.6
WINKLER 2	WINKLER 2	2	300	8.6	17.2	8.6	8.6

Meter Calibration1: 8.43

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.50

After Incubation

Meter Calibration2: 8.40

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.30



QC BATCH ID: LB115807

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 10:30

TIME OUT: 11:15

DATE IN: 08/12/2021

DATE OUT: 08/17/2021

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
LB115807BL	1	No	6.0	N/A	21.20	300	8.48	8.38	0.1	0.1	0.1	
POLYSEED	1					10	8.30	4.05	4.25	0.85	0.86	
POLYSEED	2					15	8.25	1.82	6.43	0.86		
POLYSEED	3					20	8.20	0.38	-	0		
GGA	1					6	8.60	4.15	4.45	179.5	167.67	
GGA	2					6	8.58	4.35	4.23	168.5		
GGA	3					6	8.56	4.60	3.96	155		
M3358-02	1	No	6.80	N/A	20.10	0.5	7.85	6.07	-	0	501.75	
M3358-02	2					1	7.83	5.55	2.28	426		
M3358-02	3					2	7.81	3.10	4.71	577.5		
M3358-02	4					3	7.78	0.41	-	0		
M3358-02DUP	1	No	6.80	N/A	20.10	0.5	7.84	6.05	-	0	499.5	
M3358-02DUP	2					1	7.80	5.53	2.27	423		
M3358-02DUP	3					2	7.78	3.08	4.7	576		
M3358-02DUP	4					3	7.75	0.40	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 11 5807

WorkList Name : bod81221 WorkList ID : 151353 Department : Wet-Chemistry Date : 08-12-2021 09:32:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/13/2021	Water	M3358-02	A BOD5	Cool 4 deg C	ARAM01	D42	COMP	08/11/2021	SM5210 B

Date/Time 08/12/21 09:40
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 08/12/21 10:40
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)