

BOD5 LOG

ANALYST: Niha

SUPERVISOR: Iwona

Analysis Date: 05/02/2024

QC BATCH ID: LB130595

BOD Water: WP107736

Starch: W2977

Sulfuric acid, 1N: WP105744

POLYSEED: WP107738

GGA: WP107737

Chlorine Strips: W2965

pH Strips: W3056

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W2914

Sodium Thiosulfate, 0.025N: W2976

NaOH, 1N: WP106529

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP107608

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.3	9.3	9.3
WINKLER 2	WINKLER 2	2	300	9.3	18.6	9.3	9.3

Meter Calibration1: 9.27

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

Barometric Pressure1: 765 mmHg DO Meter BOD fluid reading for winkler comparison: 9.38

After Incubation

Meter Calibration2: 9.24

Zero DO Reading2: 0.13 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB130595

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 16:00

TIME OUT: 12:00

DATE IN: 05/02/2024

DATE OUT: 05/07/2024

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
LB130595BL	1	No	6.7	N/A	20.00	300	9.37	9.36	0.01	0.01	0.01	
POLYSEED	1					10	9.31	5.48	3.83	0.77	0.66	
POLYSEED	2					15	9.21	5.12	4.09	0.55		
POLYSEED	3					20	9.18	2.71	6.47	0.65		
GGA	1					6	9.32	5.30	4.02	168	189.5	
GGA	2					6	9.32	4.81	4.51	192.5		
GGA	3					6	9.31	4.49	4.82	208		
P2335-02	1	No	6.3	6.58	20.10	0.5	9.31	6.94	2.37	1026	1109	pH Adjusted
P2335-02	2					1	9.30	4.72	4.58	1176		
P2335-02	3					2	9.26	1.10	8.16	1125		
P2335-02	4					3	9.18	0.48	-	0		
P2335-02DUP	1	No	6.3	6.58	20.10	0.5	9.31	6.86	2.45	1074	1147.5	pH Adjusted
P2335-02DUP	2					1	9.29	4.56	4.73	1221		
P2335-02DUP	3					2	9.26	0.75	-	0		
P2335-02DUP	4					3	9.18	0.36	-	0		

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

NOTE: 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

LB180595

WorkList Name : BOD5-05022024

WorkList ID : 179936

Department : Wet-Chemistry

Date : 05-02-2024 11:33:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2335-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	K11	05/02/2024	SM5210 B

Date/Time 05-02-2024 , 14:00

Raw Sample Received by: NF (WC)

Raw Sample Relinquished by: NF (WC)

Date/Time 05-02-2024 , 16:00

Raw Sample Received by: NF (WC)

Raw Sample Relinquished by: NF (WC)