

CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

Analysis Date: 03/29/2024

QC BATCH ID: LB130114

BOD Water: WP107189

Starch: W2977

Sulfuric acid, 1N: WP105744

POLYSEED: WP107191

GGA: WP107190

Chlorine Strips: W2965

pH Strips: W3056

MANGANOUS SULFATE SOLUTION: W2913

Alkaline Iodide Azide: W2914

Sodium Thiosulfate, 0.025N: W2976

NaOH, 1N: WP106529

IncubatorID: INCUBATOR#3

GuageID: 0511064

Zero DO: WP107046

Nitrification Inhibitor: W3064

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.4	9.4	9.4
WINKLER 2	WINKLER 2	2	300	9.4	18.8	9.4	9.4

Meter Calibration1: 8.54

Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.47

After Incubation

Meter Calibration2: 8.84

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

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB130114

INCUBATOR TEMP IN(C): 20.0

TIME IN: 16:00

DATE IN: 03/29/2024

INCUBATOR TEMP OUT(C): 20.1

TIME OUT: 12:00

DATE OUT: 04/03/2024

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
LB130114BL	1	No	6.70	N/A	20.60	300	9.46	9.45	0.01	0.01	0.01	
POLYSEED	1					10	9.40	6.00	3.4	0.68	0.65	
POLYSEED	2					15	9.38	4.60	4.78	0.64		
POLYSEED	3					20	9.34	2.91	6.43	0.64		
GGA	1					6	9.41	5.20	4.21	178	186.17	
GGA	2					6	9.37	5.02	4.35	185		
GGA	3					6	9.37	4.81	4.56	195.5		
P1911-03	1	No	2.72	6.61	20.50	1	9.30	8.88	-	0	78.45	pH Adjusted
P1911-03	2					5	9.29	8.50	-	0		
P1911-03	3					20	9.24	3.36	5.88	78.45		
P1911-03	4					50	9.20	0.28	-	0		
P1911-03	5					100	9.21	0.19	-	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)

6130114

WorkList Name : cbod5-329 WorkList ID : 178955 Department : Wet-Chemistry Date : 03-29-2024 10:54:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1911-03	PT-DEM-WP	Water	CBOD5	Cool 4 deg C	CHEM02	QA Of	03/26/2024	SM5210 B

Date/Time 03/29/2024 14:00
Raw Sample Received by: RM GWD
Raw Sample Relinquished by: SJ (QA office)

Date/Time NA
Raw Sample Received by: "
Raw Sample Relinquished by: 6