

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 03/30/2023**QC BATCH ID:** LB124758**BOD Water:** WP101758**Starch:** W2977**Sulfuric acid, 1N:** WP100509**POLYSEED:** WP101760**GGA:** WP101759**Chlorine Strips:** W2011**pH Strips:** W3006**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2941**NaOH, 1N:** WP101216**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP101527

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: 8.65

Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 771 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.38

After Incubation

Meter Calibration2: 8.73

Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB124758

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 15:00

TIME OUT: 13:30

DATE IN: 03/30/2023

DATE OUT: 04/04/2023

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
LB124758BL	1	No	6.65	N/A	20.30	300	9.37	9.36	0.01	0.01	0.01	
POLYSEED	1					10	9.28	6.30	2.98	0.6	0.56	
POLYSEED	2					15	9.24	5.12	4.12	0.55		
POLYSEED	3					20	9.22	3.85	5.37	0.54		
GGA	1					6	9.18	5.19	3.99	171.5	180.5	
GGA	2					6	9.14	4.93	4.21	182.5		
GGA	3					6	9.12	4.81	4.31	187.5		
O2120-02	1	No	7.39	N/A	20.40	0.5	9.29	8.06	-	0	496.25	
O2120-02	2					1	9.24	7.93	-	0		
O2120-02	3					2	9.16	5.27	3.89	499.5		
O2120-02	4					3	9.14	3.65	5.49	493		
O2120-02DUP	1	No	7.39	N/A	20.40	0.5	9.30	8.05	-	0	495.25	
O2120-02DUP	2					1	9.25	7.92	-	0		
O2120-02DUP	3					2	9.15	5.26	3.89	499.5		
O2120-02DUP	4					3	9.13	3.66	5.47	491		

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)

6124758

WorkList Name : bod-3-29

WorkList ID : 168584

Department : Wet-Chemistry

Date : 03-29-2023 08:24:53

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/31/2023	Water	02120-02	BOD5	Cool 4 deg C	ARAM01	J11	COMP	03/29/2023	SM5210 B

Date/Time 03/30/2023 13:10
 Raw Sample Received by: Rm Cucc
 Raw Sample Relinquished by: JWC

Date/Time 03/30/2023 15:10
 Raw Sample Received by: JWC
 Raw Sample Relinquished by: Rm Cucc