

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 01/11/2023**QC BATCH ID:** LB123641**BOD Water:** WP100553**Starch:** W2977**Sulfuric acid, 1N:** WP100509**POLYSEED:** WP100555**GGA:** WP100554**Chlorine Strips:** W2011**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2941**NaOH, 1N:** WP99896**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP100199

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.80	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.80	17.6	8.8	8.8

Meter Calibration1: 8.78

Barometric Pressure1: 771 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.75

After Incubation

Meter Calibration2: 8.74

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.08 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.74



QC BATCH ID: LB123641

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 15:40

TIME OUT: 16:00

DATE IN: 01/11/2023

DATE OUT: 01/16/2023

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
LB123641BL	1	No	6.80	N/A	20.00	300	8.74	8.73	0.01	0.01	0.01	
POLYSEED	1					10	8.70	4.80	3.9	0.78	0.62	
POLYSEED	2					15	8.68	4.30	4.38	0.58		
POLYSEED	3					20	8.66	3.57	5.09	0.51		
GGA	1					6	8.66	4.08	4.58	198	198	
GGA	2					6	8.64	4.06	4.58	198		
GGA	3					6	8.62	4.04	4.58	198		
O1104-01	1	No	7.90	7.28	20.30	2	8.73	7.66	-	0	39.72	pH Adjusted
O1104-01	2					10	8.66	6.68	-	0		
O1104-01	3					50	8.41	1.17	7.24	39.72		
O1104-01	4					100	7.91	0.09	-	0		
O1104-01DUP	1	No	7.90	7.28	20.30	2	8.72	7.68	-	0	39.9	pH Adjusted
O1104-01DUP	2					10	8.68	6.69	-	0		
O1104-01DUP	3					50	8.43	1.16	7.27	39.9		
O1104-01DUP	4					100	7.94	0.11	-	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)

66123641

WorkList Name : bod1-10 WorkList ID : 166478 Department : Wet-Chemistry Date : 01-10-2023 15:15:26

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/12/2023	Water	O1104-01	BOD5	Cool 4 deg C	M&MM01	N41	1C	01/10/2023	SM5210 B

Date/Time 01/11/2023 15:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JMC

Date/Time 01/11/2023 15:45
 Raw Sample Received by: JMC
 Raw Sample Relinquished by: RM CWC