

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**QC BATCH ID:** LB128352**Analysis Date:** 11/16/2023**BOD Water:** WP105337**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP102923**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP105339**NaOH, 1N:** WP103989**GGA:** WP105338**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2965**GuageID:** 0511064**pH Strips:** W3056**Zero DO:** WP105067

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.2	9.2	9.2
WINKLER 2	WINKLER 2	2	300	9.2	18.4	9.2	9.2

Meter Calibration1: 8.64

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

Barometric Pressure1: 771 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.24

After Incubation

Meter Calibration2: 9.18

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

Barometric Pressure2: 776 mmHg



QC BATCH ID: LB128352

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 16:30

TIME OUT: 12:00

DATE IN: 11/16/2023

DATE OUT: 11/21/2023

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
LB128352BL	1	No	6.70	N/A	20.60	300	9.23	9.21	0.02	0.02	0.02	
POLYSEED	1					10	9.21	5.35	3.86	0.77	0.7	
POLYSEED	2					15	9.14	3.65	5.49	0.73		
POLYSEED	3					20	9.12	3.24	5.88	0.59		
GGA	1					6	9.19	4.98	4.21	175.5	181.5	
GGA	2					6	9.17	4.96	4.21	175.5		
GGA	3					6	9.17	4.60	4.57	193.5		
O5440-01	1	No	8.42	7.40	20.20	5	9.22	8.90	-	0		pH Adjusted
O5440-01	2					20	9.20	8.70	-	0		
O5440-01	3					50	9.19	8.20	-	0		
O5440-01	4					150	9.16	8.07	-	0		
O5440-01DUP	1	No	8.42	7.40	20.20	5	9.22	8.82	-	0		pH Adjusted
O5440-01DUP	2					20	9.21	8.57	-	0		
O5440-01DUP	3					50	9.20	8.12	-	0		
O5440-01DUP	4					150	9.18	8.02	-	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)

66128352

WorkList Name : BOD5-11-+16

WorkList ID : 175636

Department : Wet-Chemistry

Date : 11-16-2023 13:32:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5440-01	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	L11	11/15/2023	SM5210 B

Date/Time 11/16/2023 15:30
 Raw Sample Received by: RM awc
 Raw Sample Relinquished by: JH awc

Date/Time 11/16/2023 16:15
 Raw Sample Received by: JH (awc)
 Raw Sample Relinquished by: RM awc