

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 11/10/2023**QC BATCH ID:** LB128279**BOD Water:** 78WP105254**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP102923**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP105256**NaOH, 1N:** WP103989**GGA:** WP105255**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: 8.78

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

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.26

After Incubation

Meter Calibration2: 9.05

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 776 mmHg



QC BATCH ID: LB128279

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 15:30

TIME OUT: 13:00

DATE IN: 11/10/2023

DATE OUT: 11/15/2023

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
LB128279BL	1	No	6.70	N/A	20.60	300	9.25	9.23	0.02	0.02	0.02	
POLYSEED	1					10	9.23	5.28	3.95	0.79	0.64	
POLYSEED	2					15	9.21	4.68	4.53	0.6		
POLYSEED	3					20	9.20	3.96	5.24	0.52		
GGA	1					6	9.21	4.99	4.22	179	190.33	
GGA	2					6	9.20	4.74	4.46	191		
GGA	3					6	9.17	4.51	4.66	201		
O5347-01	1	No	5.14	6.71	20.60	0.05	9.23	8.82	-	0	4258	pH Adjusted
O5347-01	2					0.1	9.19	6.72	2.47	5490		
O5347-01	3					0.2	9.18	5.42	3.76	4680		
O5347-01	4					0.5	9.16	4.18	4.98	2604		
O5347-01	5					1	9.07	0.36	-	0		
O5347-01DUP	1	No	5.14	6.71	20.60	0.05	9.23	8.69	-	0	4432	pH Adjusted
O5347-01DUP	2					0.1	9.21	6.59	2.62	5940		
O5347-01DUP	3					0.2	9.16	5.40	3.76	4680		
O5347-01DUP	4					0.5	9.15	4.05	5.1	2676		
O5347-01DUP	5					1	9.09	0.34	-	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)

15128279

WorkList Name : bod5-11-10

WorkList ID : 175467

Department : Wet-Chemistry

Date : 11-10-2023 07:33:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5347-01	DRAIN-WATER-TANK-1	Water	BOD5	Cool 4 deg C	MAJO01	L31	11/09/2023	SM5210 B

Date/Time 11/10/2023 14:08
 Raw Sample Received by: RPT CWC
 Raw Sample Relinquished by: JP(601)

Date/Time 11/10/2023
 Raw Sample Received by: JP(601)
 Raw Sample Relinquished by: RPT CWC