

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 11/03/2023**QC BATCH ID:** LB128173**BOD Water:** WP105118**Starch:** W2977**Sulfuric acid, 1N:** WP102923**POLYSEED:** WP105120**GGA:** WP105119**Chlorine Strips:** W2010**pH Strips:** W3056**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2976**NaOH, 1N:** WP103989**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**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	9.3	9.3	9.3
WINKLER 2	WINKLER 2	2	300	9.3	18.6	9.3	9.3

Meter Calibration1: 9.02

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

Barometric Pressure1: 776 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.35

After Incubation

Meter Calibration2: 8.66

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

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB128173

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 16:40

TIME OUT: 14:20

DATE IN: 11/03/2023

DATE OUT: 11/08/2023

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
LB128173BL	1	No	6.67	N/A	20.70	300	9.34	9.33	0.01	0.01	0.01	
POLYSEED	1					10	9.32	5.78	3.54	0.71	0.63	
POLYSEED	2					15	9.30	4.40	4.9	0.65		
POLYSEED	3					20	9.29	3.87	5.42	0.54		
GGA	1					6	9.33	4.98	4.35	186	194.5	
GGA	2					6	9.29	4.80	4.49	193		
GGA	3					6	9.29	4.57	4.72	204.5		
O5249-01	1	No	6.76	N/A	20.00	5	9.20	8.20	-	0	60.15	
O5249-01	2					20	9.05	4.41	4.64	60.15		
O5249-01	3					50	8.14	0.21	-	0		
O5249-01	4					150	4.73	0.12	-	0		
O5249-01DUP	1	No	6.76	N/A	20.00	5	9.20	8.07	-	0	61.35	
O5249-01DUP	2					20	9.01	4.29	4.72	61.35		
O5249-01DUP	3					50	8.16	0.30	-	0		
O5249-01DUP	4					150	4.75	0.12	-	0		
O5249-02	1	No	6.89	N/A	20.00	5	9.30	8.88	-	0	26.7	
O5249-02	2					20	9.09	6.68	2.41	26.7		
O5249-02	3					50	8.47	0.20	-	0		
O5249-02	4					150	5.03	0.14	-	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)

16128173

WorkList Name : bod5-11-03

WorkList ID : 175231

Department : Wet-Chemistry

Date : 11-03-2023 08:15:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5249-01 F	001-WILLETS-PT-BLVD(NOV)	Water	BOD5	Cool 4 deg C	TULL01	L21	11/02/2023	SM5210 B
O5249-02 F	002-35TH-AVE(NOV)	Water	BOD5	Cool 4 deg C	TULL01	L21	11/02/2023	SM5210 B

Date/Time 11/03/2023 14:30
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JDL CWC

Date/Time 11/03/2023 16:30
 Raw Sample Received by: JDL CWC
 Raw Sample Relinquished by: RM CWC