

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 11/30/2023**QC BATCH ID:** LB128511**BOD Water:** WP105514**Starch:** W2977**Sulfuric acid, 1N:** WP102923**POLYSEED:** WP105516**GGA:** WP105515**Chlorine Strips:** W2965**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	9.4	9.4	9.4
WINKLER 2	WINKLER 2	2	300	9.4	18.8	9.4	9.4

Meter Calibration1: 9.04

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

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.45

After Incubation

Meter Calibration2: 8.93

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB128511

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 10:00

TIME OUT: 10:15

DATE IN: 11/30/2023

DATE OUT: 12/05/2023

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
LB128511BL	1	No	6.70	N/A	20.60	300	9.44	9.42	0.02	0.02	0.02	
POLYSEED	1					10	9.42	6.23	3.19	0.64	0.57	
POLYSEED	2					15	9.40	4.93	4.47	0.6		
POLYSEED	3					20	9.39	4.58	4.81	0.48		
GGA	1					6	9.38	5.11	4.27	185	195.33	
GGA	2					6	9.35	4.80	4.55	199		
GGA	3					6	9.34	4.73	4.61	202		
O5564-02	1	No	6.29	6.81	20.00	0.5	9.38	4.67	4.71	2484	1828.5	pH Adjusted
O5564-02	2					1	9.34	2.17	7.17	1980		
O5564-02	3					2	9.29	1.91	7.38	1021.5		
O5564-02	4					3	9.21	0.11	-	0		
O5564-02DUP	1	No	6.29	6.81	20.00	0.5	9.38	4.80	4.58	2406	1785	pH Adjusted
O5564-02DUP	2					1	9.35	2.29	7.06	1947		
O5564-02DUP	3					2	9.25	2.00	7.25	1002		
O5564-02DUP	4					3	9.19	0.10	-	0		
O5565-01	1	No	8.25	7.41	20.00	5	9.38	8.44	-	0	3.1	pH Adjusted
O5565-01	2					20	9.37	8.30	-	0		
O5565-01	3					50	9.36	8.20	-	0		
O5565-01	4					150	9.35	7.23	2.12	3.1		
O5569-02	1	No	6.62	N/A	20.80	0.5	9.33	5.97	3.36	1674	1372.5	
O5569-02	2					1	9.31	5.17	4.14	1071		
O5569-02	3					2	9.27	0.16	-	0		
O5569-02	4					3	9.20	0.12	-	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.

6128511

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod511-30

WorkList ID : 175923

Department : Wet-Chemistry

Date : 11-30-2023 08:12:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q5564-02 B	COMP	Water	BOD5	Cool 4 deg C	ARAM01	L11	11/29/2023	SM5210 B
Q5565-01 C	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	L11	11/27/2023	SM5210 B
Q5569-02 B	EFF-WW	Water	BOD5	Cool 4 deg C	ARDM01	L11	11/29/2023	SM5210 B

Date/Time 11/30/2023 08:30
Raw Sample Received by: RPT CWG
Raw Sample Relinquished by: JPL COL /

Date/Time 11/30/2023 09:30
Raw Sample Received by: JPL COL
Raw Sample Relinquished by: RPT CWG