

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** JIGNESH**Analysis Date:** 04/05/2023**QC BATCH ID:** LB124829**BOD Water:** WP101854**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP100509**Sodium Thiosulfate, 0.025N:** W2941**POLYSEED:** WP101856**NaOH, 1N:** WP101216**GGA:** WP101855**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP101527

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: 9.03Zero DO Reading1: 0.12 mg/L (<=0.2 Criteria)Barometric Pressure1: 771 mmHg DO Meter BOD fluid reading for winkler comparison: 9.48**After Incubation**Meter Calibration2: 9.03Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure2: 776 mmHg



QC BATCH ID: LB124829

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 10:30

TIME OUT: 14:00

DATE IN: 04/05/2023

DATE OUT: 04/10/2023

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
LB124829BL	1	No	6.55	N/A	20.50	300	9.47	9.46	0.01	0.01	0.01	
POLYSEED	1					10	9.44	5.43	4.01	0.8	0.68	
POLYSEED	2					15	9.43	4.64	4.79	0.64		
POLYSEED	3					20	9.41	3.48	5.93	0.59		
GGA	1					6	9.44	5.43	4.01	166.5	181.17	
GGA	2					6	9.43	5.02	4.41	186.5		
GGA	3					6	9.40	4.91	4.49	190.5		
O2184-01	1	No	7.55	7.14	20.80	5	9.46	8.94	-	0	2.94	pH Adjusted
O2184-01	2					20	9.44	8.93	-	0		
O2184-01	3					50	9.43	8.37	-	0		
O2184-01	4					150	9.39	7.24	2.15	2.94		
O2184-01DUP	1	No	7.55	7.14	20.80	5	9.45	8.93	-	0	2.94	pH Adjusted
O2184-01DUP	2					20	9.44	8.92	-	0		
O2184-01DUP	3					50	9.43	8.36	-	0		
O2184-01DUP	4					150	9.38	7.23	2.15	2.94		
O2187-01	1	No	7.78	7.16	20.70	5	9.46	7.54	-	0	21.49	pH Adjusted
O2187-01	2					20	9.39	7.38	2.01	19.95		
O2187-01	3					50	9.05	4.53	4.52	23.04		
O2187-01	4					150	7.62	0.33	-	0		
O2190-01	1	No	6.48	6.66	20.50	5	9.46	9.20	-	0		pH Adjusted
O2190-01	2					20	9.40	9.17	-	0		
O2190-01	3					50	9.31	8.79	-	0		
O2190-01	4					150	8.74	7.56	-	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)

6124829

WorkList Name : bod-4-5

WorkList ID : 168763

Department : Wet-Chemistry

Date : 04-05-2023 08:22:55

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/05/2023	Water	O2184-01	BOD5	Cool 4 deg C	INFR01	O11	SEMI-ANNUAL-SWB-L-(OUTFALL-114)	04/03/2023	SM5210 B
04/05/2023	Water	O2187-01	BOD5	Cool 4 deg C	INFR01	O11	SEMI-ANNUAL-SWB-N-(OUTFALL-116)	04/03/2023	SM5210 B
04/05/2023	Water	O2190-01	BOD5	Cool 4 deg C	LOCK01	M11	SY-3	04/03/2023	SM5210 B

Date/Time 04/05/2023 0.900
 Raw Sample Received by: RM
 Raw Sample Relinquished by: AQC

Date/Time 04/05/2023 10.40
 Raw Sample Received by: AQC
 Raw Sample Relinquished by: RM CWS