

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** jignesh**Analysis Date:** 08/17/2023**QC BATCH ID:** LB126908**BOD Water:** WP103785**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP102923**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP103787**NaOH, 1N:** WP101216**GGA:** WP103786**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP103555

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.7	17.4	8.7	8.7

Meter Calibration1: 8.94Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 8.73**After Incubation**Meter Calibration2: 9.15Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHg



QC BATCH ID: LB126908

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 17:15

TIME OUT: 17:00

DATE IN: 08/17/2023

DATE OUT: 08/22/2023

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
LB126908BL	1	No	6.58	N/A	20.40	300	8.72	8.71	0.01	0.01	0.01	
POLYSEED	1					10	8.64	5.38	3.26	0.65	0.61	
POLYSEED	2					15	8.58	4.01	4.57	0.61		
POLYSEED	3					20	8.57	2.96	5.61	0.56		
GGA	1					6	8.63	4.31	4.32	185.5	187.83	
GGA	2					6	8.61	4.24	4.37	188		
GGA	3					6	8.60	4.19	4.41	190		
O4026-02	1	No	6.28	6.60	20.10	0.5	8.65	7.36	-	0	573.67	pH Adjusted
O4026-02	2					1	8.56	6.20	2.36	525		
O4026-02	3					2	8.42	4.25	4.17	534		
O4026-02	4					3	8.30	1.07	7.23	662		
O4026-02DUP	1	No	6.28	6.60	20.10	0.1	8.61	7.26	-	0	589.67	pH Adjusted
O4026-02DUP	2					1	8.56	6.11	2.45	552		
O4026-02DUP	3					2	8.44	4.15	4.29	552		
O4026-02DUP	4					3	8.29	1.03	7.26	665		
O4031-01	1	No	8.53	7.40	20.10	5	8.70	8.28	-	0		pH Adjusted
O4031-01	2					20	8.68	8.17	-	0		
O4031-01	3					50	8.64	7.92	-	0		
O4031-01	4					150	8.63	7.84	-	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)

6126908

WorkList Name : bod5-8-16

WorkList ID : 172739

Department : Wet-Chemistry

Date : 08-16-2023 07:45:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4026-02 A	COMP	Water	BOD5	Cool 4 deg C	ARAM01	N11	08/16/2023	SM5210 B
O4031-01 <	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	L21	08/16/2023	SM5210 B

Date/Time 08/17/2023 16:40
 Raw Sample Received by: RA CAG
 Raw Sample Relinquished by: MB CAG

Date/Time 08/17/2023 17:70
 Raw Sample Received by: MB CAG
 Raw Sample Relinquished by: MB CAG