

**BOD 7 LOG****ANALYST:** Rubina**SUPERVISOR:** Sohil**Analysis Date:** 08/18/2023**QC BATCH ID:** LB126931**BOD Water:** WP103805**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP102923**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP103807**NaOH, 1N:** WP101216**GGA:** WP103806**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	9.4	9.4	9.4
WINKLER 2	WINKLER 2	2	300	9.4	18.8	9.4	9.4

Meter Calibration1: 8.86Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHg DO Meter BOD fluid reading for winkler comparison: 9.45**After Incubation**Meter Calibration2: 9.05Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHg



QC BATCH ID: LB126931

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 18:20

TIME OUT: 16:00

DATE IN: 08/18/2023

DATE OUT: 08/25/2023

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
LB126931BL	1	No	6.67	N/A	20.50	300	9.44	9.43	0.01	0.01	0.01	
POLYSEED	1					10	9.32	5.31	4.01	0.8	0.7	
POLYSEED	2					15	9.26	4.18	5.08	0.68		
POLYSEED	3					20	9.21	2.97	6.24	0.62		
GGA	1					6	9.41	4.48	4.93	211.5	225	
GGA	2					6	9.37	4.11	5.26	228		
GGA	3					6	9.36	3.95	5.41	235.5		
O4073-05	1	No	6.91	N/A	20.10	0.1	9.35	8.00	-	0	1816.5	
O4073-05	2					0.5	9.34	5.44	3.9	1920		
O4073-05	3					1	9.29	2.88	6.41	1713		
O4073-05	4					5	9.09	0.17	-	0		
O4073-05DUP	1	No	6.91	N/A	20.10	0.1	9.33	8.09	-	0	1779	
O4073-05DUP	2					0.5	9.31	5.50	3.81	1866		
O4073-05DUP	3					1	9.30	2.96	6.34	1692		
O4073-05DUP	4					5	9.12	0.24	-	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)

WorkList Name : bod7-18-23 **WorkList ID :** 172820 **Department :** Wet-Chemistry **Date :** 08-18-2023 10:11:06
66126931

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4073-05	BOD	Water	BOD_7	Cool 4 deg C	AMER08	L21	08/17/2023	SM5210 B

Date/Time 08/18/2023 1600
Raw Sample Received by: PM CWC
Raw Sample Relinquished by: 706DC

Date/Time 08/18/2023 18.30
Raw Sample Received by: 706DC
Raw Sample Relinquished by: PM CWC