

BOD 7 LOG

ANALYST: rubina

SUPERVISOR: jignesh

Analysis Date: 08/06/2025

QC BATCH ID: LB136723

BOD Water: WP114182

Starch: W3149

Sulfuric acid, 1N: WP112832

POLYSEED: WP114184

GGA: WP114183

Chlorine Strips: W3155

pH Strips: W3215

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3105

NaOH, 1N: WP113878

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP114055

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	10.00	10	10
WINKLER 2	WINKLER 2	2	300	10.03	20.03	10	10

Meter Calibration1: 8.14

Zero DO Reading1: 0.13 mg/L (<=0.2 Criteria)

Barometric Pressure1: 771 mmHg DO Meter BOD fluid reading for winkler comparison: 10.27

After Incubation

Meter Calibration2: 8.74

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 755 mmHg

QC BATCH ID: LB136723

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 10:30

TIME OUT: 13:30

DATE IN: 08/06/2025

DATE OUT: 08/13/2025

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
LB136723BL	1	No	6.63	N/A	20.90	300	10.26	10.25	0.01	0.01	0.01	
POLYSEED	1					10	10.22	7.26	2.96	0.59	0.66	
POLYSEED	2					15	10.17	5.19	4.98	0.66		
POLYSEED	3					20	10.11	2.96	7.15	0.72		
GGA	1					6	10.23	5.61	4.62	198	202.17	
GGA	2					6	10.19	5.50	4.69	201.5		
GGA	3					6	10.19	5.39	4.8	207		
Q2762-05	1	No	7.32	N/A	20.20	1	10.23	7.25	2.98	6960	5148	
Q2762-05	2					5	10.19	3.97	6.22	3336		
Q2762-05	3					10	10.11	0.28	-	0		
Q2762-05	4					50	10.09	0.09	-	0		
Q2762-05DUP	1	No	7.32	N/A	20.20	1	10.23	7.39	2.84	6540	4986	
Q2762-05DUP	2					5	10.22	3.84	6.38	3432		
Q2762-05DUP	3					10	10.13	0.24	-	0		
Q2762-05DUP	4					50	10.11	0.14	-	0		
Q2778-05	1	No	7.03	N/A	20.10	1	10.20	7.38	2.82	6480	5217	
Q2778-05	2					5	10.17	2.92	7.25	3954		
Q2778-05	3					10	10.14	0.32	-	0		
Q2778-05	4					50	10.09	0.15	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

NOTE (For, CBOD5): 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.