

BOD Soluble LOG

ANALYST: rubina

SUPERVISOR: Iwona

QC BATCH ID: LB137545

Analysis Date: 10/15/2025

BOD Water: WP115220

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3248

POLYSEED: WP115222

NaOH, 1N: WP113878

GGA: WP115221

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3241

Zero DO: WP114920

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.5	9.5	9.5
WINKLER 2	WINKLER 2	2	300	9.7	19.2	9.5	9.5

Meter Calibration1: 9.39

Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg DO Meter BOD fluid reading for winkler comparison: 9.59

After Incubation

Meter Calibration2: 8.68

Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 755 mmHg

QC BATCH ID: LB137545

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 19.8

TIME IN: 17:10

TIME OUT: 15:30

DATE IN: 10/15/2025

DATE OUT: 10/20/2025

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
LB137545BL	1	No	6.67	N/A	20.80	300	9.58	9.56	0.02	0.02	0.02	
POLYSEED	1					10	9.47	6.79	2.68	0.54	0.59	
POLYSEED	2					15	9.41	4.67	4.74	0.63		
POLYSEED	3					20	9.38	3.28	6.1	0.61		
GGA	1					6	9.47	5.24	4.23	182	176	
GGA	2					6	9.45	5.37	4.08	174.5		
GGA	3					6	9.45	5.43	4.02	171.5		
Q3344-01	1	No	8.00	7.28	20.00	2	9.52	8.05	-	0	58.05	pH Adjusted
Q3344-01	2					10	9.49	6.57	2.92	69.9		
Q3344-01	3					50	9.35	1.06	8.29	46.2		
Q3344-01	4					100	9.28	0.11	-	0		
Q3344-01DUP	1	No	8.00	7.28	20.00	2	9.53	8.09	-	0	57	pH Adjusted
Q3344-01DUP	2					10	9.49	6.62	2.87	68.4		
Q3344-01DUP	3					50	9.36	1.17	8.19	45.6		
Q3344-01DUP	4					100	9.27	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.

66137545

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BODSUL-10-15 WorkList ID : 192486 Department : Wet-Chemistry Date : 10-15-2025 12:46:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3344-01	1 EFFLUENT-COMPOSITE	Water	BOD Soluble	Cool 4 deg C	M&MM01	J22	10/14/2025	SM5210 B

Date/Time 10/15/2025 15:10
Raw Sample Received by: RM (w/c)
Raw Sample Relinquished by: RM (w/c)

Date/Time 10/15/2025 17:00
Raw Sample Received by: RM (w/c)
Raw Sample Relinquished by: RM (w/c)