

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 12/05/2025

QC BATCH ID: LB138133

BOD Water: WP115977

Starch: W3149

Sulfuric acid, 1N: WP115342

POLYSEED: WP115979

GGA: WP115978

Chlorine Strips: W3155

pH Strips: W3241

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3248

NaOH, 1N: WP113878

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP115915

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.6	9.6	9.6
WINKLER 2	WINKLER 2	2	300	9.7	19.3	9.6	9.6

Meter Calibration1: 9.28

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

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.64

After Incubation

Meter Calibration2: 9.24

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

Barometric Pressure2: 750 mmHg

QC BATCH ID: LB138133

INCUBATOR TEMP IN(C): 19.8

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 17:00

TIME OUT: 12:00

DATE IN: 12/05/2025

DATE OUT: 12/10/2025

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
LB138133BL	1	No	6.57	N/A	20.90	300	9.64	9.62	0.02	0.02	0.02	
POLYSEED	1					10	9.50	6.19	3.31	0.66	0.65	
POLYSEED	2					15	9.47	4.62	4.85	0.65		
POLYSEED	3					20	9.45	3.05	6.4	0.64		
GGA	1					6	9.52	5.22	4.3	182.5	189.67	
GGA	2					6	9.50	5.02	4.48	191.5		
GGA	3					6	9.52	4.97	4.55	195		
Q3785-04	1	No	7.31	N/A	20.00	5	9.54	8.82	-	0		
Q3785-04	2					20	9.49	8.48	-	0		
Q3785-04	3					50	9.38	8.29	-	0		
Q3785-04	4					150	9.07	8.00	-	0		
Q3785-04DUP	1	No	7.31	N/A	20.00	5	9.52	8.73	-	0		
Q3785-04DUP	2					20	9.49	8.58	-	0		
Q3785-04DUP	3					50	9.36	8.33	-	0		
Q3785-04DUP	4					150	9.05	8.02	-	0		
Q3793-01	1	No	5.82	7.01	20.10	5	9.38	1.09	8.29	458.4	458.4	pH Adjusted
Q3793-01	2					20	7.97	0.48	-	0		
Q3793-01	3					50	7.51	0.20	-	0		
Q3793-01	4					150	7.35	0.14	-	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.

WORKLIST(Hardcopy Internal Chain)

66138133

WorkList Name : BOD5-12-5.

WorkList ID : 193505

Department : Wet-Chemistry

Date : 12-05-2025 12:53:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3785-04	WATER-TREATMEN DISCHAR	Water	BOD5	Cool 4 deg C	VERI01	A11	12/04/2025	SM5210 B
Q3793-01	MH-1252025	Water	BOD5	Cool 4 deg C	EURO03	D11	12/05/2025	SM5210 B

Date/Time 12/15/2025 15:35
Raw Sample Received by: R14
Raw Sample Relinquished by: [Signature]

Date/Time 12/15/2025 16:45
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]