

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 06/20/2025

QC BATCH ID: LB136221

BOD Water: WP113601

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP113603

NaOH, 1N: WP111323

GGA: WP113604

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3215

Zero DO: WP113605

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0	9.8	9.8	9.8
WINKLER 2	WINKLER 2	2	300	9.8	19.6	9.8	9.8

Meter Calibration1: 9.79

Zero DO Reading1: 0.11 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.82

After Incubation

Meter Calibration2: 8.46

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

Barometric Pressure2: 765 mmHg

QC BATCH ID: LB136221

INCUBATOR TEMP IN(C): 19.7

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 16:10

TIME OUT: 11:00

DATE IN: 06/20/2025

DATE OUT: 06/25/2025

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
LB136221BL	1	No	6.67	6.67	20.80	300	9.81	9.80	0.01	0.01	0.01	pH Adjusted
POLYSEED	1					10	9.76	6.12	3.64	0.73	0.71	
POLYSEED	2					15	9.75	4.27	5.48	0.73		
POLYSEED	3					20	9.69	2.92	6.77	0.68		
GGA	1					6	9.73	4.84	4.89	209	214.5	
GGA	2					6	9.69	4.57	5.12	220.5		
GGA	3					6	9.67	4.68	4.99	214		
Q2385-01	1	No	7.27	7.27	20.30	5	9.68	8.82	-	0		pH Adjusted
Q2385-01	2					20	9.64	8.52	-	0		
Q2385-01	3					50	9.63	8.21	-	0		
Q2385-01	4					150	9.15	8.02	-	0		
Q2385-01DUP	1	No	7.27	7.27	20.30	5	9.68	8.92	-	0		pH Adjusted
Q2385-01DUP	2					20	9.65	8.40	-	0		
Q2385-01DUP	3					50	9.64	8.33	-	0		
Q2385-01DUP	4					150	9.16	8.05	-	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)

LB 136221

WorkList Name : BOD-062025

WorkList ID : 190303

Department : Wet-Chemistry

Date : 06-20-2025 14:16:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2385-01	A5311	Water	BOD5	Cool 4 deg C	PSEG03	D51	06/20/2025	SM5210 B

Date/Time 06/20/2025 15:00
 Raw Sample Received by: 12(-<7
 Raw Sample Relinquished by: DOO (aa)

Date/Time 06/20/2025 16:30
 Raw Sample Received by: praco
 Raw Sample Relinquished by: 12(-<7)