

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 07/18/2025

QC BATCH ID: LB136543

BOD Water: WP113988

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP113990

NaOH, 1N: WP113878

GGA: WP113989

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3215

Zero DO: WP1136

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.8	9.8	9.8
WINKLER 2	WINKLER 2	2	300	9.9	19.7	9.8	9.8

Meter Calibration1: 8.76

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

Barometric Pressure1: 765 mmHg DO Meter BOD fluid reading for winkler comparison: 9.98

After Incubation

Meter Calibration2: 8.45

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Barometric Pressure2: 771 mmHg

QC BATCH ID: LB136543

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 13:00

TIME OUT: 13:45

DATE IN: 07/18/2025

DATE OUT: 07/23/2025

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
LB136543BL	1	No	6.60	N/A	20.90	300	9.98	9.96	0.02	0.02	0.02	
POLYSEED	1					10	9.96	6.41	3.55	0.71	0.68	
POLYSEED	2					15	9.94	4.92	5.02	0.67		
POLYSEED	3					20	9.90	3.38	6.52	0.65		
GGA	1					6	9.95	5.49	4.46	189	192.33	
GGA	2					6	9.95	5.43	4.52	192		
GGA	3					6	9.92	5.32	4.6	196		
Q2633-02	1	No	7.25	N/A	20.70	5	9.96	9.02	-	0		
Q2633-02	2					20	9.95	8.65	-	0		
Q2633-02	3					50	9.93	8.31	-	0		
Q2633-02	4					150	9.54	8.09	-	0		
Q2633-02DUP	1	No	7.25	N/A	20.70	5	9.96	8.90	-	0		
Q2633-02DUP	2					20	9.95	8.70	-	0		
Q2633-02DUP	3					50	9.94	8.35	-	0		
Q2633-02DUP	4					150	9.52	8.00	-	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)

6136543

WorkList Name : bod5-7-18

WorkList ID : 190824

Department : Wet-Chemistry

Date : 07-18-2025 10:31:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2633-02	FIBER-GLASS-TANK	Water	BOD5	Cool 4 deg C	PSEG03	D41	07/17/2025	SM5210 B

Date/Time 07/18/2025 10.40
 Raw Sample Received by: RM cwc
 Raw Sample Relinquished by: [Signature]

Date/Time 07/18/2025 12.50
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: RM cwc