

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 11/14/2025

QC BATCH ID: LB137906

BOD Water: WP115669

Starch: W3149

Sulfuric acid, 1N: WP115342

POLYSEED: WP115671

GGA: WP115670

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: WP115341

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: 9.20

Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.59

After Incubation

Meter Calibration2: 8.78

Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB137906

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 15:30

TIME OUT: 13:30

DATE IN: 11/14/2025

DATE OUT: 11/19/2025

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
LB137906BL	1	No	6.65	N/A	20.80	300	9.58	9.57	0.01	0.01	0.01	
POLYSEED	1					10	9.48	6.44	3.04	0.61	0.61	
POLYSEED	2					15	9.43	4.82	4.61	0.61		
POLYSEED	3					20	9.40	3.21	6.19	0.62		
GGA	1					6	9.52	5.20	4.32	185.5	189.83	
GGA	2					6	9.52	5.08	4.44	191.5		
GGA	3					6	9.50	5.04	4.46	192.5		
Q3630-01	1	No	6.93	N/A	20.20	5	9.50	8.64	-	0	10.03	
Q3630-01	2					20	9.32	7.93	-	0		
Q3630-01	3					50	9.30	6.95	2.35	10.44		
Q3630-01	4					150	9.29	3.87	5.42	9.62		
Q3630-01DUP	1	No	6.93	N/A	20.20	5	9.51	8.52	-	0	10.22	
Q3630-01DUP	2					20	9.33	7.81	-	0		
Q3630-01DUP	3					50	9.30	6.82	2.48	11.22		
Q3630-01DUP	4					150	9.28	4.06	5.22	9.22		
Q3630-03	1	No	6.80	N/A	20.20	5	9.50	8.55	-	0		
Q3630-03	2					20	9.48	8.38	-	0		
Q3630-03	3					50	9.46	8.12	-	0		
Q3630-03	4					150	9.42	7.84	-	0		
Q3630-05	1	No	6.85	N/A	20.10	5	9.47	8.24	-	0	7.92	
Q3630-05	2					20	9.45	8.03	-	0		
Q3630-05	3					50	9.42	7.35	2.07	8.76		
Q3630-05	4					150	9.39	5.24	4.15	7.08		

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)

66137906

WorkList Name : BOD6-11-14

WorkList ID : 193132

Department : Wet-Chemistry

Date : 11-14-2025 08:13:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3630-01	DSN002	Water	BOD5	Cool 4 deg C	PSEG04	D41	11/13/2025	SM5210 B
Q3630-03	DSN001	Water	BOD5	Cool 4 deg C	PSEG04	D41	11/13/2025	SM5210 B
Q3630-05	DSN003	Water	BOD5	Cool 4 deg C	PSEG04	D41	11/13/2025	SM5210 B

Date/Time 11/14/2025 14:00
 Raw Sample Received by: RMW
 Raw Sample Relinquished by: JWC

Date/Time 11/14/2025 15:24
 Raw Sample Received by: JWC
 Raw Sample Relinquished by: RMW