

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 11/13/2025

QC BATCH ID: LB137907

BOD Water: WP115656

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP115342

Sodium Thiosulfate, 0.025N: W3248

POLYSEED: WP115658

NaOH, 1N: WP113878

GGA: WP115657

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3241

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	9.6	19.1	9.5	9.5

Meter Calibration1: 9.27

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

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.57

After Incubation

Meter Calibration2: 8.79

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

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB137907

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 12:15

TIME OUT: 13:20

DATE IN: 11/13/2025

DATE OUT: 11/18/2025

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
LB137907BL	1	No	6.69	N/A	20.90	300	9.57	9.55	0.02	0.02	0.02	
POLYSEED	1					10	9.47	6.30	3.17	0.63	0.61	
POLYSEED	2					15	9.45	4.79	4.66	0.62		
POLYSEED	3					20	9.40	3.47	5.93	0.59		
GGA	1					6	9.50	5.07	4.43	191	189.5	
GGA	2					6	9.47	4.97	4.5	194.5		
GGA	3					6	9.46	5.19	4.27	183		
Q3608-02	1	No	6.95	N/A	20.20	5	9.53	8.81	-	0	158	
Q3608-02	2					10	9.50	8.76	-	0		
Q3608-02	3					20	9.45	8.34	-	0		
Q3608-02	4					30	9.31	7.12	2.19	158		
Q3608-02DUP	1	No	6.95	N/A	20.20	5	9.54	8.81	-	0	168	
Q3608-02DUP	2					10	9.52	8.73	-	0		
Q3608-02DUP	3					20	9.43	8.36	-	0		
Q3608-02DUP	4					30	9.30	7.01	2.29	168		
Q3616-05	1	No	9.02	7.13	20.20	5	9.50	4.12	5.38	286.2	286.2	pH Adjusted
Q3616-05	2					20	9.32	0.59	-	0		
Q3616-05	3					50	9.02	0.30	-	0		
Q3616-05	4					150	6.78	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.

WORKLIST(Hardcopy Internal Chain)

6137907

WorkList Name : bod5-11-13 WorkList ID : 193113 Department : Wet-Chemistry Date : 11-13-2025 10:26:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3608-02	Comp	Water	BOD5	Cool 4 deg C	ARAM01	A11	11/12/2025	SM5210 B
Q3616-05	Composite	Water	BOD5	Cool 4 deg C	DALT01	D31	11/11/2025	SM5210 B

Date/Time 11/13/2025 10:40
 Raw Sample Received by: 12(SC)
 Raw Sample Relinquished by: SC/SC

Date/Time 11/13/2025 12:00
 Raw Sample Received by: SC/SC
 Raw Sample Relinquished by: 12(SC)