

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 11/21/2025

QC BATCH ID: LB138012

BOD Water: WP115797

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP115342

Sodium Thiosulfate, 0.025N: W3248

POLYSEED: WP115800

NaOH, 1N: WP113878

GGA: WP115798

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	9.6	9.6	9.6
WINKLER 2	WINKLER 2	2	300	9.8	19.4	9.6	9.6

Meter Calibration1: 9.06 Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.68

After Incubation

Meter Calibration2: 8.74 Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 755 mmHg

QC BATCH ID: LB138012

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 15:20

TIME OUT: 10:00

DATE IN: 11/21/2025

DATE OUT: 11/26/2025

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
LB138012BL	1	No	6.56	N/A	20.70	300	9.67	9.65	0.02	0.02	0.02	
POLYSEED	1					10	9.55	6.57	2.98	0.6	0.61	
POLYSEED	2					15	9.53	4.99	4.54	0.61		
POLYSEED	3					20	9.50	3.18	6.32	0.63		
GGA	1					6	9.54	5.47	4.07	173	178	
GGA	2					6	9.56	5.41	4.15	177		
GGA	3					6	9.54	5.25	4.29	184		
Q3700-04	1	No	6.37	6.98	20.10	5	9.57	8.21	-	0	432	pH Adjusted
Q3700-04	2					10	9.55	7.36	2.19	474		
Q3700-04	3					20	9.50	6.25	3.25	396		
Q3700-04	4					30	9.48	4.61	4.87	426		
Q3700-04DUP	1	No	6.37	6.98	20.10	5	9.58	8.02	-	0	417.17	pH Adjusted
Q3700-04DUP	2					10	9.56	7.44	2.12	453		
Q3700-04DUP	3					20	9.52	6.36	3.16	382.5		
Q3700-04DUP	4					30	9.48	4.71	4.77	416		
Q3701-01	1	No	5.41	6.77	20.20	1	9.62	8.84	-	0	15330	pH Adjusted
Q3701-01	2					5	9.59	6.22	3.37	16560		
Q3701-01	3					10	9.56	4.25	5.31	14100		
Q3701-01	4					50	9.45	0.56	-	0		
Q3701-01	5					100	9.26	0.26	-	0		
Q3701-05	1	No	5.02	6.91	20.00	1	9.65	8.62	-	0	20445	pH Adjusted
Q3701-05	2					5	9.60	5.45	4.15	21240		
Q3701-05	3					10	9.54	2.38	7.16	19650		
Q3701-05	4					50	9.46	0.69	-	0		
Q3701-05	5					100	9.22	0.29	-	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)

66138012

WorkList Name : BOD5-11-21.

WorkList ID : 193288

Department : Wet-Chemistry

Date : 11-21-2025 10:18:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3700-04	EFF-WW	Water	BOD5	Cool 4 deg C	ARDM01	E11	11/20/2025	SM5210 B
Q3701-01	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	D41	11/20/2025	SM5210 B
Q3701-05	INFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	D41	11/20/2025	SM5210 B

Date/Time 11/21/2025 13:30
 Raw Sample Received by: RM CWB
 Raw Sample Relinquished by: JPB

Date/Time 11/21/2025 15:30
 Raw Sample Received by: JPB
 Raw Sample Relinquished by: RM