

BOD5 LOG

ANALYST: rubin
 On:10/29/2025 1:58:48 PM

SUPERVISOR: Iwona

QC BATCH ID: LB137646

Analysis Date: 10/24/2025

BOD Water: WP115314

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3248

POLYSEED: WP115316

NaOH, 1N: WP113878

GGA: WP115315

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3241

Zero DO: WP114920

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: 9.03 Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.69

After Incubation

Meter Calibration2: 8.89 Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB137646

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 15:40

TIME OUT: 12:10

DATE IN: 10/24/2025

DATE OUT: 10/29/2025

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
LB137646BL	1	No	6.62	N/A	20.80	300	9.69	9.67	0.02	0.02	0.02	
POLYSEED	1					10	9.49	6.47	3.02	0.6	0.65	
POLYSEED	2					15	9.47	4.27	5.2	0.69		
POLYSEED	3					20	9.43	2.81	6.62	0.66		
GGA	1					6	9.57	5.34	4.23	179	183.33	
GGA	2					6	9.57	5.20	4.37	186		
GGA	3					6	9.54	5.19	4.35	185		
Q3442-01	1	No	7.43	N/A	20.00	5	9.67	8.87	-	0	3.2	
Q3442-01	2					20	9.62	8.43	-	0		
Q3442-01	3					50	9.59	7.79	-	0		
Q3442-01	4					150	9.55	7.30	2.25	3.2		
Q3442-01DUP	1	No	7.43	N/A	20.00	5	9.67	8.89	-	0	3	
Q3442-01DUP	2					20	9.61	8.50	-	0		
Q3442-01DUP	3					50	9.59	7.90	-	0		
Q3442-01DUP	4					150	9.53	7.38	2.15	3		

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)

6137646

WorkList Name : BOD5-10.24

WorkList ID : 192880

Department : Wet-Chemistry

Date : 10-24-2025 14:04:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3442-01	SW-1	Water	BOD5	Cool 4 deg C	ATGG01	D41	10/18/2025	SM5210 B

Date/Time 10/24/2025 14:15
Raw Sample Received by: RLH (w)
Raw Sample Relinquished by: RLH (w)

Date/Time 10/24/2025 15:30
Raw Sample Received by: RLH (w)
Raw Sample Relinquished by: RLH (w)