

BOD5 LOG

ANALYST: rubin
Inst Id :DO METER
LB :LB135951

SUPERVISOR: Iwona

Analysis Date: 05/29/2025

QC BATCH ID: LB135951

BOD Water: WP113286

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP113288

NaOH, 1N: WP111323

GGA: WP113287

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3140

Zero DO: WP113147

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

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.89

After Incubation

Meter Calibration2: 9.36 Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

QC BATCH ID: LB135951

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 12:00

TIME OUT: 13:20

DATE IN: 05/29/2025

DATE OUT: 06/03/2025

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
LB135951BL	1	No	6.60	N/A	20.90	300	9.89	9.87	0.02	0.02	0.02	
POLYSEED	1					10	9.85	7.09	2.76	0.55	0.6	
POLYSEED	2					15	9.84	5.52	4.32	0.58		
POLYSEED	3					20	9.82	3.20	6.62	0.66		
GGA	1					6	9.72	4.93	4.79	209.5	212.17	
GGA	2					6	9.72	4.79	4.93	216.5		
GGA	3					6	9.70	4.89	4.81	210.5		
Q2148-02	1	No	6.33	6.98	20.80	5	9.75	8.92	-	0	638.5	pH Adjusted
Q2148-02	2					10	9.72	8.57	-	0		
Q2148-02	3					20	9.63	5.13	4.5	585		
Q2148-02	4					30	9.54	2.02	7.52	692		
Q2148-02DUP	1	No	6.33	6.98	20.80	5	9.75	8.98	-	0	637	pH Adjusted
Q2148-02DUP	2					10	9.73	8.60	-	0		
Q2148-02DUP	3					20	9.65	5.15	4.5	585		
Q2148-02DUP	4					30	9.55	2.06	7.49	689		

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)

6135951

WorkList Name : BOD5-5-29 WorkList ID : 189832 Department : Wet-Chemistry Date : 05-29-2025 10:02:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2148-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	L31	05/28/2025	SM5210 B

Date/Time 05/29/2025 10:20
Raw Sample Received by: RM ewg
Raw Sample Relinquished by: JH GORC

Date/Time 05/29/2025 11:10
Raw Sample Received by: JH GORC
Raw Sample Relinquished by: RM ewg