

BOD5 LOG

ANALYST: rubin

SUPERVISOR: Iwona

Analysis Date: 10/09/2025

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3248

NaOH, 1N: WP113878

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP114920

QC BATCH ID: LB137477

BOD Water: WP115120

Starch: W3149

Sulfuric acid, 1N: WP112832

POLYSEED: WP115122

GGA: WP115121

Chlorine Strips: W3155

pH Strips: W3241

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: 9.02 Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 770 mmHg DO Meter BOD fluid reading for winkler comparison: 9.59

After Incubation

Meter Calibration2: 8.97 Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB137477

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.8

TIME IN: 15:50

TIME OUT: 11:00

DATE IN: 10/09/2025

DATE OUT: 10/14/2025

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
LB137477BL	1	No	6.55	N/A	20.80	300	9.58	9.57	0.01	0.01	0.01	
POLYSEED	1					10	9.55	6.21	3.34	0.67	0.65	
POLYSEED	2					15	9.52	4.62	4.9	0.65		
POLYSEED	3					20	9.46	3.02	6.44	0.64		
GGA	1					6	9.55	5.49	4.06	170.5	175	
GGA	2					6	9.54	5.33	4.21	178		
GGA	3					6	9.55	5.37	4.18	176.5		
Q3316-02	1	No	9.83	7.21	20.20	5	9.54	7.65	-	0	513.83	pH Adjusted
Q3316-02	2					10	9.51	7.01	2.5	555		
Q3316-02	3					20	9.49	5.35	4.14	523.5		
Q3316-02	4					30	9.40	4.12	5.28	463		
Q3316-02DUP	1	No	9.83	7.21	20.20	5	9.56	7.77	-	0	498.5	pH Adjusted
Q3316-02DUP	2					10	9.50	7.07	2.43	534		
Q3316-02DUP	3					20	9.49	5.49	4	502.5		
Q3316-02DUP	4					30	9.39	4.15	5.24	459		

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)

LB137477

WorkList Name : BOD5-10-09 WorkList ID : 192375 Department : Wet-Chemistry Date : 10-09-2025 10:41:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3316-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	D31	10/08/2025	SM5210 B

Date/Time 10/09/2025 14:30
Raw Sample Received by: RLWIS
Raw Sample Relinquished by: JPLWOC

Date/Time 10/09/2025 16:00
Raw Sample Received by: JPLWOC
Raw Sample Relinquished by: RLWIS