

BOD5 LOG

ANALYST: Niha

SUPERVISOR: Iwona

Analysis Date: 01/16/2025

QC BATCH ID: LB134322

BOD Water: WP111426

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP110386

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP111428

NaOH, 1N: WP111323

GGA: WP111427

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3140

Zero DO: WP111324

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.9	9.9	9.9
WINKLER 2	WINKLER 2	2	300	9.8	19.7	9.9	9.9

Meter Calibration1: 9.85 Zero DO Reading1: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.94

After Incubation

Meter Calibration2: 9.92 Zero DO Reading2: 0.13 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

QC BATCH ID: LB134322

INCUBATOR TEMP IN(C): 19.8

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 18:50

TIME OUT: 15:00

DATE IN: 01/16/2025

DATE OUT: 01/21/2025

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
LB134322BL	1	No	6.57	N/A	20.70	300	9.93	9.92	0.01	0.01	0.01	
POLYSEED	1					10	9.90	6.97	2.93	0.59	0.74	
POLYSEED	2					15	9.87	4.06	5.81	0.77		
POLYSEED	3					20	9.82	1.16	8.66	0.87		
GGA	1					6	9.90	5.80	4.1	168	191.5	
GGA	2					6	9.87	5.70	4.17	171.5		
GGA	3					6	9.86	4.42	5.44	235		
Q1120-01	1	No	4.35	6.72	20.00	5	9.91	8.18	-	0	18.83	pH Adjusted
Q1120-01	2					20	9.84	7.97	-	0		
Q1120-01	3					50	9.78	4.52	5.26	27.12		
Q1120-01	4					150	9.09	3.08	6.01	10.54		
Q1120-01DUP	1	No	4.35	6.72	20.00	5	9.91	8.20	-	0	18.77	pH Adjusted
Q1120-01DUP	2					20	9.83	7.99	-	0		
Q1120-01DUP	3					50	9.78	4.54	5.24	27		
Q1120-01DUP	4					150	9.11	3.10	6.01	10.54		

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)

16134322

WorkList Name : bod5-1-16-25

WorkList ID : 186965

Department : Wet-Chemistry

Date : 01-16-2025 16:32:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1120-01	RW10A-20250116	Water	BOD5		TETRO6	M11	01/16/2025	SM5210 B

Date/Time 01/16/2025 18:20
 Raw Sample Received by: RM (WCC)
 Raw Sample Relinquished by: RM (WCC)

Date/Time 01/16/2025 18:45
 Raw Sample Received by: RM (WCC)
 Raw Sample Relinquished by: RM (WCC)