

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 03/05/2025

QC BATCH ID: LB134910

BOD Water: WP112173

Starch: W3149

Sulfuric acid, 1N: WP110386

POLYSEED: WP112174

GGA: WP112175

Chlorine Strips: W3155

pH Strips: W3140

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3105

NaOH, 1N: WP111323

IncubatorID: INCUBATOR #3

GuageID: 0511062

Zero DO: WP111875

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	9.8	19.3	9.5	9.5

Meter Calibration1: 9.52

Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 7.50 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.59

After Incubation

Meter Calibration2: 8.88

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

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB134910

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 17:30

TIME OUT: 12:00

DATE IN: 03/05/2025

DATE OUT: 03/10/2025

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
LB134910BL	1	No	6.60	N/A	20.80	300	9.59	9.57	0.02	0.02	0.02	
POLYSEED	1					10	9.45	6.24	3.21	0.64	0.63	
POLYSEED	2					15	9.42	4.77	4.65	0.62		
POLYSEED	3					20	9.40	3.18	6.22	0.62		
GGA	1					6	9.47	5.23	4.24	180.5	185	
GGA	2					6	9.45	5.33	4.12	174.5		
GGA	3					6	9.45	4.82	4.63	200		
Q1491-02	1	No	5.00	6.92	20.20	0.5	9.52	7.29	2.23	960	813.13	pH Adjusted
Q1491-02	2					1	9.50	6.75	2.75	636		
Q1491-02	3					2	9.47	2.85	6.62	898.5		
Q1491-02	4					3	9.42	1.21	8.21	758		
Q1491-02DUP	1	No	5.00	6.92	20.20	0.5	9.53	7.36	2.17	924	818	pH Adjusted
Q1491-02DUP	2					1	9.50	6.62	2.88	675		
Q1491-02DUP	3					2	9.48	2.79	6.69	909		
Q1491-02DUP	4					3	9.42	1.15	8.27	764		
Q1493-01	1	No	8.00	7.02	20.30	0.05	9.57	7.94	-	0	5275	pH Adjusted
Q1493-01	2					0.1	9.56	6.48	3.08	7350		
Q1493-01	3					0.2	9.48	5.18	4.3	5505		
Q1493-01	4					0.5	9.12	3.54	5.58	2970		
Q1493-01	5					1	9.02	0.09	-	0		
Q1495-01	1	No	6.61	N/A	20.60	5	9.52	8.54	-	0	64.5	
Q1495-01	2					20	9.21	4.28	4.93	64.5		
Q1495-01	3					50	8.79	0.17	-	0		
Q1495-01	4					150	6.66	0.12	-	0		
Q1495-02	1	No	6.74	N/A	20.70	5	9.42	8.34	-	0	51.9	
Q1495-02	2					20	9.40	5.31	4.09	51.9		
Q1495-02	3					50	9.28	0.59	-	0		
Q1495-02	4					150	9.01	0.12	-	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)

6134910

WorkList Name : BOD2025 WorkList ID : 188091 Department : Wet-Chemistry Date : 03-06-2025 14:50:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1491-02 3	COMP	Water	BOD5	Cool 4 deg C	ARAM01	F11	03/05/2025	SM5210 B

Date/Time 03/05/2025 17.00
 Raw Sample Received by: NF(WC)
 Raw Sample Relinquished by: [Signature]

Date/Time 03/05/2025 17.35
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: NF(WC)

WORKLIST(Hardcopy Internal Chain)

66134910

WorkList Name : bod5-03-05

WorkList ID : 188045

Department : Wet-Chemistry

Date : 03-05-2025 12:30:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1493-01	DRAIN WATER TANK-1	Water	BOD5	Cool 4 deg C	MAJO01	F11	03/05/2025	SM5210 B
Q1495-01 <i>P</i>	001-WILLETTS-PT-BLVD(MAR)	Water	BOD5	Cool 4 deg C	TULL01	I21	03/04/2025	SM5210 B
Q1495-02 <i>P</i>	002-35TH-AVE(MAR)	Water	BOD5	Cool 4 deg C	TULL01	I21	03/04/2025	SM5210 B

Date/Time 03/05/2025 14:00
 Raw Sample Received by: NF(WC)
 Raw Sample Relinquished by: JH CCCC /

Date/Time 03/05/2025 17:35
 Raw Sample Received by: JH CCCC /
 Raw Sample Relinquished by: NF(WC)