

BOD5 LOG

ANALYST: Eman

SUPERVISOR: Iwona

Analysis Date: 06/11/2025

QC BATCH ID: LB136118

BOD Water: WP113477

Starch: W3149

Sulfuric acid, 1N: WP112832

POLYSEED: WP113479

GGA: WP113478

Chlorine Strips: W3155

pH Strips: W3215

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3105

NaOH, 1N: WP111323

IncubatorID:

GuageID:

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: 9.92

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

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.99

After Incubation

Meter Calibration2: 9.69

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure2: 763 mmHg

QC BATCH ID: LB136118

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 19.8

TIME IN: 16:40

TIME OUT: 12:00

DATE IN: 06/11/2025

DATE OUT: 06/16/2025

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
LB136118BL	1	No	6.63	N/A	20.80	300	9.99	9.97	0.02	0.02	0.02	
POLYSEED	1					10	9.92	7.35	2.57	0.51	0.65	
POLYSEED	2					15	9.90	4.14	5.76	0.77		
POLYSEED	3					20	9.87	3.32	6.55	0.66		
GGA	1					6	9.92	5.54	4.38	186.5	188.17	
GGA	2					6	9.87	5.46	4.41	188		
GGA	3					6	9.87	5.42	4.45	190		
Q2276-01	1	No	3.76	6.64	20.10	5	9.96	1.01	8.95	498	498	pH Adjusted
Q2276-01	2					20	9.64	0.11	-	0		
Q2276-01	3					50	8.84	0.09	-	0		
Q2276-01	4					150	6.26	0.07	-	0		
Q2286-03	1	No	6.05	6.89	20.00	5	9.91	1.01	8.9	495	495	pH Adjusted
Q2286-03	2					20	9.81	0.14	-	0		
Q2286-03	3					50	8.73	0.12	-	0		
Q2286-03	4					150	6.09	0.10	-	0		
Q2286-03DUP	1	No	6.05	6.89	20.00	5	9.90	1.01	8.89	494.4	494.4	pH Adjusted
Q2286-03DUP	2					20	9.83	0.13	-	0		
Q2286-03DUP	3					50	8.71	0.12	-	0		
Q2286-03DUP	4					150	6.07	0.10	-	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)

6136118

WorkList Name : bod5-6-11

WorkList ID : 190118

Department : Wet-Chemistry

Date : 06-11-2025 13:50:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2276-01 C	MH-6-10-2025	Water	BOD5	Cool 4 deg C	EURO03	D31	06/10/2025	SM5210 B
Q2286-03 K	LAW-25-0084	Water	BOD5	Cool 4 deg C	PSEG03	D41	06/10/2025	SM5210 B

Date/Time 06/11/2025 15:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: SPCOC RM CWC

Date/Time 06/11/2025 16:50
 Raw Sample Received by: SPCOC
 Raw Sample Relinquished by: RM CWC