

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 10/15/2025

QC BATCH ID: LB137546

BOD Water: WP115220

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3248

POLYSEED: WP115222

NaOH, 1N: WP113878

GGA: WP115221

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3241

Zero DO: WP114920

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: 9.39

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

Barometric Pressure1: 755 mmHg DO Meter BOD fluid reading for winkler comparison: 9.59

After Incubation

Meter Calibration2: 8.68

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

Barometric Pressure2: 755 mmHg

QC BATCH ID: LB137546

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 19.8

TIME IN: 17:10

TIME OUT: 15:30

DATE IN: 10/15/2025

DATE OUT: 10/20/2025

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
LB137546BL	1	No	6.67	N/A	20.80	300	9.58	9.56	0.02	0.02	0.02	
POLYSEED	1					10	9.44	6.68	2.76	0.55	0.59	
POLYSEED	2					15	9.38	4.83	4.55	0.61		
POLYSEED	3					20	9.36	3.20	6.16	0.62		
GGA	1					6	9.49	5.40	4.09	175	179.83	
GGA	2					6	9.48	5.31	4.17	179		
GGA	3					6	9.46	5.16	4.3	185.5		
Q3344-01	1	No	7.98	7.42	20.00	2	9.50	8.04	-	0	62.88	pH Adjusted
Q3344-01	2					10	9.48	6.23	3.25	79.8		
Q3344-01	3					50	9.39	1.14	8.25	45.96		
Q3344-01	4					100	9.25	0.45	-	0		
Q3344-01DUP	1	No	7.98	7.42	20.40	2	9.51	8.19	-	0	61.02	pH Adjusted
Q3344-01DUP	2					10	9.46	6.32	3.14	76.5		
Q3344-01DUP	3					50	9.39	1.21	8.18	45.54		
Q3344-01DUP	4					100	9.27	0.16	-	0		
Q3345-07	1	No	6.87	N/A	20.40	5	9.50	8.80	-	0		
Q3345-07	2					20	9.48	8.00	-	0		
Q3345-07	3					50	9.19	7.63	-	0		
Q3345-07	4					150	7.95	7.03	-	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.

66137546

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-10-15

WorkList ID : 192485

Department : Wet-Chemistry

Date : 10-15-2025 12:46:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3344-01	1 EFFLUENT-COMPOSITE	Water	BOD5	Cool 4 deg C	M&MM01	J22	10/14/2025	SM5210 B
Q3345-07	TANK-FARM-WATER	Water	BOD5	Cool 4 deg C	PSEG03	D31	10/14/2025	SM5210 B

Date/Time10/15/202515:10

Raw Sample Received by:RM(CWC)

Raw Sample Relinquished by:JQ WDC

Date/Time10/15/202517:00

Raw Sample Received by:JQ WDC

Raw Sample Relinquished by:RM(CWC)