

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 08/06/2025

QC BATCH ID: LB136724

BOD Water: WP114182

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP114184

NaOH, 1N: WP113878

GGA: WP114183

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3215

Zero DO: WP114055

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	10.00	10	10
WINKLER 2	WINKLER 2	2	300	10.03	20.03	10	10

Meter Calibration1: 8.14

Zero DO Reading1: 0.13 mg/L (<=0.2 Criteria)

Barometric Pressure1: 771 mmHg DO Meter BOD fluid reading for winkler comparison: 10.27

After Incubation

Meter Calibration2: 8.92

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

QC BATCH ID: LB136724

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.8

TIME IN: 10:20

TIME OUT: 08:15

DATE IN: 08/06/2025

DATE OUT: 08/11/2025

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
LB136724BL	1	No	6.63	N/A	20.90	300	10.26	10.24	0.02	0.02	0.02	
POLYSEED	1					10	10.19	7.28	2.91	0.58	0.65	
POLYSEED	2					15	10.14	5.27	4.87	0.65		
POLYSEED	3					20	10.04	2.72	7.32	0.73		
GGA	1					6	10.25	5.48	4.77	206	211.33	
GGA	2					6	10.21	5.40	4.81	208		
GGA	3					6	10.21	5.16	5.05	220		
Q2759-04	1	No	6.17	6.93	20.60	5	10.21	1.01	9.2	513	513	pH Adjusted
Q2759-04	2					20	9.54	0.15	-	0		
Q2759-04	3					50	8.34	0.14	-	0		
Q2759-04	4					150	4.50	0.12	-	0		
Q2769-01	1	No	5.47	7.12	20.20	5	10.21	8.89	-	0	34.8	pH Adjusted
Q2769-01	2					20	10.18	8.42	-	0		
Q2769-01	3					50	10.12	3.67	6.45	34.8		
Q2769-01	4					150	10.09	0.23	-	0		
Q2769-01DUP	1	No	5.47	7.12	20.20	5	10.20	8.77	-	0	34.5	pH Adjusted
Q2769-01DUP	2					20	10.18	8.24	-	0		
Q2769-01DUP	3					50	10.15	3.75	6.4	34.5		
Q2769-01DUP	4					150	10.07	0.22	-	0		
Q2769-04	1	No	5.50	6.77	20.30	5	10.24	8.25	-	0	40.68	pH Adjusted
Q2769-04	2					20	10.20	6.67	3.53	43.2		
Q2769-04	3					50	10.15	3.14	7.01	38.16		
Q2769-04	4					150	10.07	0.24	-	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)

66136724

WorkList Name : BOD5-8-06 WorkList ID : 191120 Department : Wet-Chemistry Date : 08-06-2025 08:14:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2759-04	LIQUID-DRUMS	Water	BOD5	Cool 4 deg C	PSEG03	D31	08/04/2025	SM5210 B
Q2769-01	001-WILLETS-PT-BLVD(AUG)	Water	BOD5	Cool 4 deg C	TULL01	D31	08/04/2025	SM5210 B
Q2769-04	002-35TH-AVE(AUG)	Water	BOD5	Cool 4 deg C	TULL01	D31	08/04/2025	SM5210 B

Date/Time 08/06/2025 08:20
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: 3d CWG

Date/Time 08/06/2025 10:30
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: RM CWG