

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 05/02/2025

QC BATCH ID: LB135645

BOD Water: WP112929

Starch: W3149

Sulfuric acid, 1N: WP112832

POLYSEED: WP112931

GGA: WP112930

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: WP112724

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.7	9.7	9.7
WINKLER 2	WINKLER 2	2	300	9.9	19.6	9.7	9.7

Meter Calibration1: 9.22

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

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.78

After Incubation

Meter Calibration2: 8.40

Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB135645

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 15:20

TIME OUT: 11:00

DATE IN: 05/02/2025

DATE OUT: 05/07/2025

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
LB135645BL	1	No	6.57	N/A	20.70	300	9.78	9.76	0.02	0.02	0.02	
POLYSEED	1					10	9.62	6.19	3.43	0.69	0.67	
POLYSEED	2					15	9.54	4.63	4.91	0.65		
POLYSEED	3					20	9.52	2.92	6.6	0.66		
GGA	1					6	9.67	5.38	4.29	181	185	
GGA	2					6	9.66	5.19	4.47	190		
GGA	3					6	9.67	5.32	4.35	184		
Q1924-02	1	No	7.11	N/A	20.40	0.5	9.71	7.91	-	0	411	
Q1924-02	2					1	9.69	7.83	-	0		
Q1924-02	3					2	9.64	6.89	2.75	312		
Q1924-02	4					3	9.60	3.83	5.77	510		
Q1924-02DUP	1	No	7.11	N/A	20.40	0.5	9.70	7.98	-	0	410.5	
Q1924-02DUP	2					1	9.68	7.77	-	0		
Q1924-02DUP	3					2	9.63	6.92	2.71	306		
Q1924-02DUP	4					3	9.61	3.79	5.82	515		
Q1941-01	1	No	6.69	N/A	20.00	0.01	9.66	8.10	-	0	12600	
Q1941-01	2					0.05	9.57	7.88	-	0		
Q1941-01	3					0.1	9.55	4.68	4.87	12600		
Q1941-01	4					0.5	9.53	0.59	-	0		
Q1941-01	5					1	9.47	0.22	-	0		
Q1949-01	1	No	6.73	N/A	20.00	5	9.60	1.49	8.11	446.4	446.4	
Q1949-01	2					20	9.48	0.15	-	0		
Q1949-01	3					50	8.74	0.13	-	0		
Q1949-01	4					150	5.64	0.10	-	0		
Q1949-04	1	No	6.78	N/A	20.00	5	9.58	1.02	8.56	473.4	473.4	
Q1949-04	2					20	9.28	0.13	-	0		
Q1949-04	3					50	8.27	0.12	-	0		
Q1949-04	4					150	5.75	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)

66135645

WorkList Name : bod5-5-2

WorkList ID : 189279

Department : Wet-Chemistry

Date : 05-02-2025 09:25:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1924-02 B	COMP	Water	BOD5	Cool 4 deg C	ARAM01	L31	04/30/2025	SM5210 B
Q1941-01 D	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	L41	05/01/2025	SM5210 B
Q1949-01 H	001-WILLETS-PT-BLVD(MAY)	Water	BOD5	Cool 4 deg C	TULL01	L21	05/01/2025	SM5210 B
Q1949-04 H	002-35TH-AVE(MAY)	Water	BOD5	Cool 4 deg C	TULL01	L21	05/01/2025	SM5210 B

Date/Time 05/02/2025 13:06
 Raw Sample Received by: RHL wcs
 Raw Sample Relinquished by: RHL wcs

Date/Time 05/02/2025 15:30
 Raw Sample Received by: RHL wcs
 Raw Sample Relinquished by: RHL wcs