

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 01/08/2025

QC BATCH ID: LB134191

BOD Water: WP111297

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP110386

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP111299

NaOH, 1N: WP108662

GGA: WP111298

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3140

Zero DO: WP111005

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	10.00	19.8	9.8	9.8

Meter Calibration1: 9.86

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

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.89

After Incubation

Meter Calibration2: 9.22

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

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB134191

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 14:50

TIME OUT: 11:00

DATE IN: 01/08/2025

DATE OUT: 01/13/2025

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
LB134191BL	1	No	6.61	N/A	20.50	300	9.88	9.86	0.02	0.02	0.02	
POLYSEED	1					10	9.70	6.13	3.57	0.71	0.68	
POLYSEED	2					15	9.67	4.24	5.43	0.72		
POLYSEED	3					20	9.60	3.55	6.05	0.61		
GGA	1					6	9.83	5.29	4.54	193	200.33	
GGA	2					6	9.83	5.09	4.74	203		
GGA	3					6	9.82	5.04	4.78	205		
Q1013-01	1	No	6.65	N/A	20.00	5	9.57	7.84	-	0	85.2	
Q1013-01	2					20	9.11	2.75	6.36	85.2		
Q1013-01	3					50	7.90	0.13	-	0		
Q1013-01	4					150	3.69	0.09	-	0		
Q1013-01DUP	1	No	6.65	N/A	20.00	5	9.57	7.70	-	0	81.75	
Q1013-01DUP	2					20	9.09	2.96	6.13	81.75		
Q1013-01DUP	3					50	7.92	0.15	-	0		
Q1013-01DUP	4					150	3.67	0.09	-	0		
Q1013-02	1	No	6.70	N/A	20.00	5	9.61	5.15	4.46	226.8	154.5	
Q1013-02	2					20	8.95	2.79	6.16	82.2		
Q1013-02	3					50	7.85	0.15	-	0		
Q1013-02	4					150	3.60	0.10	-	0		
Q1033-01	1	No	7.39	N/A	20.00	5	9.64	8.55	-	0	5.14	
Q1033-01	2					20	9.54	7.95	-	0		
Q1033-01	3					50	9.17	7.70	-	0		
Q1033-01	4					150	8.63	5.38	3.25	5.14		
Q1035-02	1	No	6.78	N/A	20.00	0.5	9.52	7.93	-	0	504.67	
Q1035-02	2					1	9.42	7.42	2	396		
Q1035-02	3					2	9.35	4.49	4.86	627		
Q1035-02	4					3	9.24	3.65	5.59	491		

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)

16134191

WorkList Name : bod5-1-08

WorkList ID : 186805

Department : Wet-Chemistry

Date : 01-08-2025 08:34:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1013-01 C	001 WILLETS PT BLVD (JAN)	Water	BOD5	Cool 4 deg C	TULL01	M11	01/03/2025	SM5210 B
Q1013-02 F	002 35TH AVE (JAN)	Water	BOD5	Cool 4 deg C	TULL01	M11	01/03/2025	SM5210 B
Q1033-01 K	28612	Water	BOD5	Cool 4 deg C	PSEG03	N41	01/08/2025	SM5210 B

Date/Time 01/08/2025 12.00
Raw Sample Received by: RM (wiz)
Raw Sample Relinquished by: JH (wiz)

Date/Time 01/08/2025 13.30
Raw Sample Received by: JH (wiz)
Raw Sample Relinquished by: RM (wiz)

WORKLIST(Hardcopy Internal Chain)

6134191

WorkList Name : bod5-01-08

WorkList ID : 186809

Department : Wet-Chemistry

Date : 01-08-2025 10:11:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1035-02 A	COMP	Water	BOD5	Cool 4 deg C	ARAM01	M11	01/08/2025	SM5210 B

Date/Time 01/08/2025 13:50
Raw Sample Received by: RM CWG
Raw Sample Relinquished by: JH WDC

Date/Time 01/08/2025 14:20
Raw Sample Received by: JH WDC
Raw Sample Relinquished by: RM CWG