

BOD5 LOG

ANALYST: rubin

SUPERVISOR: Iwona

Analysis Date: 10/17/2025

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3248

NaOH, 1N: WP113878

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP114920

QC BATCH ID: LB137577

BOD Water: WP115239

Starch: W3149

Sulfuric acid, 1N: WP112832

POLYSEED: WP115241

GGA: WP115240

Chlorine Strips: W3155

pH Strips: W3241

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

Barometric Pressure1: 755 mmHg DO Meter BOD fluid reading for winkler comparison: 9.89

After Incubation

Meter Calibration2: 8.48 Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 750 mmHg

QC BATCH ID: LB137577

INCUBATOR TEMP IN(C): 19.7

INCUBATOR TEMP OUT(C): 19.8

TIME IN: 14:30

TIME OUT: 11:30

DATE IN: 10/17/2025

DATE OUT: 10/22/2025

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
LB137577BL	1	No	6.55	N/A	20.90	300	9.88	9.86	0.02	0.02	0.02	
POLYSEED	1					10	9.85	6.24	3.61	0.72	0.68	
POLYSEED	2					15	9.80	4.79	5.01	0.67		
POLYSEED	3					20	9.77	3.33	6.44	0.64		
GGA	1					6	9.81	5.51	4.3	181	185.67	
GGA	2					6	9.81	5.43	4.38	185		
GGA	3					6	9.80	5.30	4.5	191		
Q3359-02	1	No	9.50	7.40	20.10	5	9.79	1.45	8.34	4596	4596	pH Adjusted
Q3359-02	2					10	9.74	0.39	-	0		
Q3359-02	3					20	9.65	0.24	-	0		
Q3359-02	4					30	9.51	0.20	-	0		
Q3359-02DUP	1	No	9.50	7.40	20.10	5	9.80	1.49	8.31	4578	4578	pH Adjusted
Q3359-02DUP	2					10	9.76	0.34	-	0		
Q3359-02DUP	3					20	9.63	0.19	-	0		
Q3359-02DUP	4					30	9.51	0.17	-	0		
Q3385-04	1	No	8.06	7.21	20.00	5	9.68	8.36	-	0	386	pH Adjusted
Q3385-04	2					10	9.61	7.48	2.13	435		
Q3385-04	3					20	9.57	6.27	3.3	393		
Q3385-04	4					30	9.44	5.46	3.98	330		

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)

6137577

WorkList Name : bod5-3385

WorkList ID : 192535

Department : Wet-Chemistry

Date : 10-17-2025 13:58:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3385-04	EFF-WW	Water	BOD5	Cool 4 deg C	ARDM01	D41	10/17/2025	SM5210 B

Date/Time 10/17/2025 14:10
 Raw Sample Received by: RT LCS
 Raw Sample Relinquished by: JP (COT)

Date/Time 10/17/2025 14:50
 Raw Sample Received by: JP (COT)
 Raw Sample Relinquished by: RT LCS

WORKLIST(Hardcopy Internal Chain)

LB137577

WorkList Name : bod5-10-17

WorkList ID : 192522

Department : Wet-Chemistry

Date : 10-17-2025 10:08:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3359-02	Comp	Water	BOD5	Cool 4 deg C	ARAM01	J41	10/15/2025	SM5210 B

Date/Time 10/17/2025 17.10
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: RM CWG

Date/Time 10/17/2025 14.50
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: RM CWG