

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**QC BATCH ID:** LB125315**Analysis Date:** 05/05/2023**BOD Water:** WP102313**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP100509**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP102315**NaOH, 1N:** WP101216**GGA:** WP102314**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP102042

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.2	9.2	9.2
WINKLER 2	WINKLER 2	2	300	9.2	18.4	9.2	9.2

Meter Calibration1: 9.00

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

Barometric Pressure1: 771 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.25

After Incubation

Meter Calibration2: 8.92

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB125315

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 17:00

TIME OUT: 15:30

DATE IN: 05/05/2023

DATE OUT: 05/10/2023

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
LB125315BL	1	No	6.78	N/A	20.50	300	9.24	9.23	0.01	0.01	0.01	
POLYSEED	1					10	9.10	6.58	2.52	0.5	0.52	
POLYSEED	2					15	9.07	5.23	3.84	0.51		
POLYSEED	3					20	9.06	3.58	5.48	0.55		
GGA	1					6	9.12	4.31	4.81	214.5	220.83	
GGA	2					6	9.10	4.26	4.84	216		
GGA	3					6	9.09	3.93	5.16	232		
O2660-01	1	No	7.22	N/A	20.00	5	9.19	8.60	-	0		
O2660-01	2					20	9.18	8.58	-	0		
O2660-01	3					50	9.17	8.20	-	0		
O2660-01	4					150	9.15	7.36	-	0		
O2660-01DUP	1	No	7.22	N/A	20.00	5	9.20	8.61	-	0		
O2660-01DUP	2					20	9.19	8.57	-	0		
O2660-01DUP	3					50	9.18	8.19	-	0		
O2660-01DUP	4					150	9.16	7.35	-	0		
O2660-02	1	No	7.47	N/A	20.00	5	9.21	8.34	-	0	4.32	
O2660-02	2					20	9.17	8.04	-	0		
O2660-02	3					50	9.14	7.27	-	0		
O2660-02	4					150	9.13	6.45	2.68	4.32		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

NOTE: 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD 5-5

WorkList ID : 169713

Department : Wet-Chemistry

Date : 05-05-2023 16:01:24

LB125315

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/07/2023	Water	O2660-01	BOD5	Cool 4 deg C	ENV170	O11	WATER-SAMPLE-API-3-5	05/05/2023	SM5210 B
05/07/2023	Water	O2660-02	BOD5	Cool 4 deg C	ENV170	O11	WATER-SAMPLE-API-3-6	05/05/2023	SM5210 B

Date/Time 05/05/2023 14:10
 Raw Sample Received by: RMA CWC
 Raw Sample Relinquished by: JDC

Date/Time 05/05/2023 17:10
 Raw Sample Received by: JDC CWC
 Raw Sample Relinquished by: RMA CWC