

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**QC BATCH ID:** LB125746**Analysis Date:** 06/01/2023**BOD Water:** WP102705**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP100509**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP102707**NaOH, 1N:** WP101216**GGA:** WP102706**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP102602

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.4	9.4	9.4
WINKLER 2	WINKLER 2	2	300	9.4	18.8	9.4	9.4

Meter Calibration1: 8.85

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

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.48

After Incubation

Meter Calibration2: 8.54

Zero DO Reading2: 0.16 mg/L (<=0.2 Criteria)

Barometric Pressure2: 750 mmHg



QC BATCH ID: LB125746

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 10:15

TIME OUT: 15:00

DATE IN: 06/01/2023

DATE OUT: 06/06/2023

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
LB125746BL	1	No	6.84	N/A	20.70	300	9.47	9.45	0.02	0.02	0.02	
POLYSEED	1					10	9.44	5.99	3.45	0.69	0.64	
POLYSEED	2					15	9.36	4.48	4.88	0.65		
POLYSEED	3					20	9.33	3.52	5.81	0.58		
GGA	1					6	9.21	5.26	3.95	165.5	183.17	
GGA	2					6	9.13	4.73	4.4	188		
GGA	3					6	9.13	4.57	4.56	196		
O2993-02	1	No	6.58	N/A	20.00	0.5	9.10	7.43	-	0	786.75	
O2993-02	2					1	9.05	5.93	3.12	744		
O2993-02	3					2	8.97	2.80	6.17	829.5		
O2993-02	4					3	8.79	0.28	-	0		
O2993-02DUP	1	No	6.58	N/A	20.00	0.5	9.13	7.40	-	0	789.75	
O2993-02DUP	2					1	9.07	5.92	3.15	753		
O2993-02DUP	3					2	8.97	2.82	6.15	826.5		
O2993-02DUP	4					3	8.78	0.28	-	0		
O2995-01	1	No	8.29	7.40	20.00	5	9.41	8.96	-	0		pH Adjusted
O2995-01	2					20	9.20	8.71	-	0		
O2995-01	3					50	9.13	8.49	-	0		
O2995-01	4					150	9.10	7.95	-	0		

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)

6125746

WorkList Name : bod5-31

WorkList ID : 170442

Department : Wet-Chemistry

Date : 05-31-2023 08:21:54

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O2995-01 B	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	O11	05/31/2023	SM5210 B
O2993-02 A	COMP	Water	BOD5	Cool 4 deg C	ARAM01	O11	05/31/2023	SM5210 B

Date/Time 06/01/2023 09:20
 Raw Sample Received by: RPA CWC
 Raw Sample Relinquished by: JP (CWC)

Date/Time 06/01/2023 10:10
 Raw Sample Received by: JP (CWC)
 Raw Sample Relinquished by: RPA CWC