

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**QC BATCH ID:** LB126632**Analysis Date:** 07/27/2023**BOD Water:** WP103414**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP102923**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP103416**NaOH, 1N:** WP101216**GGA:** WP103415**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP103062

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: 8.67

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.24

After Incubation

Meter Calibration2: 9.44

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

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB126632

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 14:30

TIME OUT: 13:00

DATE IN: 07/27/2023

DATE OUT: 08/01/2023

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
LB126632BL	1	No	6.61	N/A	20.50	300	9.23	9.21	0.02	0.02	0.02	
POLYSEED	1					10	9.15	6.57	2.58	0.52	0.55	
POLYSEED	2					15	9.08	4.89	4.19	0.56		
POLYSEED	3					20	9.05	3.28	5.77	0.58		
GGA	1					6	9.16	5.02	4.14	179.5	192.5	
GGA	2					6	9.14	4.69	4.45	195		
GGA	3					6	9.12	4.51	4.61	203		
O3778-02	1	No	6.50	N/A	20.60	0.5	9.13	6.50	2.63	1248	1393.5	
O3778-02	2					1	9.09	3.41	5.68	1539		
O3778-02	3					2	8.94	0.37	-	0		
O3778-02	4					3	8.81	0.34	-	0		
O3778-02DUP	1	No	6.50	N/A	20.60	0.5	9.10	6.41	2.69	1284	1416	
O3778-02DUP	2					1	9.04	3.33	5.71	1548		
O3778-02DUP	3					2	8.93	0.35	-	0		
O3778-02DUP	4					3	8.77	0.33	-	0		
O3779-01	1	No	8.36	7.40	20.40	5	9.10	8.59	-	0	3.76	pH Adjusted
O3779-01	2					20	9.09	8.01	-	0		
O3779-01	3					50	9.05	7.83	-	0		
O3779-01	4					150	8.85	6.42	2.43	3.76		

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)

06/26632

WorkList Name : bod5-7-26 WorkList ID : 172188 Department : Wet-Chemistry Date : 07-26-2023 08:25:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3779-01	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	D11	07/26/2023	SM5210 B
O3778-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	N11	07/26/2023	SM5210 B

Date/Time 07/27/2023 13:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: 78(627)

Date/Time 07/27/2023
 Raw Sample Received by: 78(627)
 Raw Sample Relinquished by: RM CWC