

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 08/02/2023**QC BATCH ID:** LB126712**BOD Water:** WP103551**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP102923**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP103553**NaOH, 1N:** WP101216**GGA:** WP103552**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP103555

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: 9.23

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

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.45

After Incubation

Meter Calibration2: 8.85

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

Barometric Pressure2: 755 mmHg

QC BATCH ID: LB126712

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 17:30

TIME OUT: 14:30

DATE IN: 08/02/2023

DATE OUT: 08/07/2023

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
LB126712BL	1	No	6.58	N/A	20.40	300	9.44	9.43	0.01	0.01	0.01	
POLYSEED	1					10	9.38	6.56	2.82	0.56	0.6	
POLYSEED	2					15	9.32	4.55	4.77	0.64		
POLYSEED	3					20	9.29	3.15	6.14	0.61		
GGA	1					6	9.34	5.11	4.23	181.5	189.33	
GGA	2					6	9.32	4.93	4.39	189.5		
GGA	3					6	9.30	4.76	4.54	197		
O3869-01	1	No	8.34	7.42	20.40	5	9.43	8.67	-	0		pH Adjusted
O3869-01	2					20	9.41	8.29	-	0		
O3869-01	3					50	9.40	7.97	-	0		
O3869-01	4					150	9.39	7.82	-	0		
O3878-02	1	No	6.11	6.64	20.50	0.5	9.36	6.99	2.37	1062	1005	pH Adjusted
O3878-02	2					1	9.33	5.40	3.93	999		
O3878-02	3					2	9.26	2.30	6.96	954		
O3878-02	4					3	9.12	0.23	-	0		
O3881-01	1	No	7.24	N/A	20.00	5	9.38	8.50	-	0	6.76	
O3881-01	2					20	9.32	7.96	-	0		
O3881-01	3					50	9.21	7.07	2.14	9.24		
O3881-01	4					150	8.42	5.68	2.74	4.28		
O3881-01DUP	1	No	7.24	N/A	20.00	5	9.38	8.61	-	0	6.92	
O3881-01DUP	2					20	9.30	7.88	-	0		
O3881-01DUP	3					50	9.18	7.02	2.16	9.36		
O3881-01DUP	4					150	8.41	5.57	2.84	4.48		
O3881-02	1	No	7.27	N/A	20.00	5	9.36	8.94	-	0		
O3881-02	2					20	9.16	7.88	-	0		
O3881-02	3					50	8.90	7.37	-	0		
O3881-02	4					150	7.49	5.83	-	0		
O3885-01	1	No	6.95	N/A	20.00	5	9.34	8.93	-	0	4.88	
O3885-01	2					20	9.30	8.48	-	0		
O3885-01	3					50	9.23	7.92	-	0		
O3885-01	4					150	8.77	5.73	3.04	4.88		

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)

612 6712

WorkList Name : bod-8-2

WorkList ID : 172390

Department : Wet-Chemistry

Date : 08-02-2023 08:01:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3889-01	MONTHLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	L11	08/02/2023	SM5210 B
O3878-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	L11	08/02/2023	SM5210 B
O3881-01	MH-1	Water	BOD5	Cool 4 deg C	PSEG03	L11	08/02/2023	SM5210 B
O3881-02	MH-2	Water	BOD5	Cool 4 deg C	PSEG03	L11	08/02/2023	SM5210 B
O3885-01	F1	Water	BOD5	Cool 4 deg C	SCIE01	L11	08/02/2023	SM5210 B

Date/Time 08/02/2023 15:30
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JALCWC

Date/Time 08/02/2023 17:00
 Raw Sample Received by: JALCWC
 Raw Sample Relinquished by: RM CWC