

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 03/02/2023**QC BATCH ID:** LB124349**BOD Water:** wp101272**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP100509**Sodium Thiosulfate, 0.025N:** W2941**POLYSEED:** wp101274**NaOH, 1N:** WP101216**GGA:** wp101273**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP101031

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.70	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.70	17.4	8.7	8.7

Meter Calibration1: 8.77

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

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.79

After Incubation

Meter Calibration2: 8.56

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

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB124349

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 15:00

TIME OUT: 13:30

DATE IN: 03/02/2023

DATE OUT: 03/07/2023

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
LB124349BL	1	No	6.80	N/A	20.20	300	8.78	8.77	0.01	0.01	0.01	
POLYSEED	1					10	8.70	6.45	2.25	0.45	0.47	
POLYSEED	2					15	8.55	4.92	3.63	0.48		
POLYSEED	3					20	8.48	3.64	4.84	0.48		
GGA	1					6	8.68	4.82	3.86	169.5	173.67	
GGA	2					6	8.66	4.70	3.96	174.5		
GGA	3					6	8.65	4.64	4.01	177		
O1741-02	1	No	6.17	6.90	20.10	0.5	8.63	5.38	3.25	1668	1750.5	pH Adjusted
O1741-02	2					1	8.62	2.04	6.58	1833		
O1741-02	3					2	8.61	0.28	-	0		
O1741-02	4					3	8.52	0.26	-	0		
O1751-01	1	No	8.20	7.10	20.20	5	8.77	7.96	-	0	6.54	pH Adjusted
O1751-01	2					20	8.76	7.34	-	0		
O1751-01	3					50	8.75	7.33	-	0		
O1751-01	4					150	8.74	5.00	3.74	6.54		
O1751-01DUP	1	No	8.20	7.10	20.20	5	8.77	7.95	-	0	6.5	pH Adjusted
O1751-01DUP	2					20	8.75	7.33	-	0		
O1751-01DUP	3					50	8.74	7.32	-	0		
O1751-01DUP	4					150	8.73	5.01	3.72	6.5		

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 : bod5-3-01

WorkList ID : 167787

Department : Wet-Chemistry

Date : 03-01-2023 11:54:47

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Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/03/2023	Water	O1741-02	B BOD5	Cool 4 deg C	ARAM01	N11	COMP	03/01/2023	SM5210 B
03/03/2023	Water	O1751-01	E BOD5	Cool 4 deg C	INFR01	N11	MONTHLY-OUTFALL-002	03/01/2023	SM5210 B

Date/Time 03/02/2023 13:50
 Raw Sample Received by: RM
 Raw Sample Relinquished by: JPLACI

Date/Time 03/02/2023 15:00
 Raw Sample Received by: JPLACI
 Raw Sample Relinquished by: RM CWG