

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**QC BATCH ID:** LB129728**Analysis Date:** 02/29/2024**BOD Water:** WP106784**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP105744**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP106786**NaOH, 1N:** WP106529**GGA:** WP106785**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2965**GuageID:** 0511064**pH Strips:** W3056**Zero DO:** WP106592

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: 8.78

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

Barometric Pressure1: 776 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.45

After Incubation

Meter Calibration2: 8.65

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

Barometric Pressure2: 771 mmHg



QC BATCH ID: LB129728

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 12:30

TIME OUT: 11:00

DATE IN: 02/29/2024

DATE OUT: 03/05/2024

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
LB129728BL	1	No	6.71	N/A	20.60	300	9.44	9.42	0.02	0.02	0.02	
POLYSEED	1					10	9.42	5.98	3.44	0.69	0.67	
POLYSEED	2					15	9.40	4.20	5.2	0.69		
POLYSEED	3					20	9.36	3.06	6.3	0.63		
GGA	1					6	9.40	4.81	4.59	196	200	
GGA	2					6	9.38	4.69	4.69	201		
GGA	3					6	9.38	4.65	4.73	203		
P1624-02	1	No	6.83	N/A	20.00	0.5	9.40	6.29	3.11	1464	1239	
P1624-02	2					1	9.35	4.39	4.96	1287		
P1624-02	3					2	9.32	2.21	7.11	966		
P1624-02	4					3	9.30	0.44	-	0		
P1624-02DUP	1	No	6.83	N/A	20.00	0.5	9.41	6.24	3.17	1500	1255.5	
P1624-02DUP	2					1	9.35	4.31	5.04	1311		
P1624-02DUP	3					2	9.33	2.29	7.04	955.5		
P1624-02DUP	4					3	9.30	0.42	-	0		
P1630-01	1	No	8.26	7.30	20.00	5	9.42	8.81	-	0		pH Adjusted
P1630-01	2					20	9.41	8.76	-	0		
P1630-01	3					50	9.40	8.50	-	0		
P1630-01	4					150	9.38	8.34	-	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)

6129728-

WorkList Name : bod5-0228

WorkList ID : 178245

Department : Wet-Chemistry

Date : 02-28-2024 08:24:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1624-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	E21	02/28/2024	SM5210 B
P1630-01	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	E21	02/28/2024	SM5210 B

Date/Time 02/29/2024 11:00
 Raw Sample Received by: RIM CWC
 Raw Sample Relinquished by: MUDCT

Date/Time 02/29/2024 12:00
 Raw Sample Received by: JIM CWC
 Raw Sample Relinquished by: RIM CWC