



BOD Soluble LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB129096

Analysis Date: 01/10/2024

BOD Water: WP106037

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP106039

NaOH, 1N: WP103989

GGA: WP106038

IncubatorID: INCUBATOR #3

Chlorine Strips: W2965

GuageID: 0511064

pH Strips: W3056

Zero DO: WP106040

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.9
WINKLER 2	WINKLER 2	2	300	8.9	17.8	8.9	8.9

Meter Calibration1: 8.58

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

Barometric Pressure1: 745 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.97

After Incubation

Meter Calibration2: 9.48

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Barometric Pressure2: 771 mmHg



QC BATCH ID: LB129096

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 16:45

TIME OUT: 12:00

DATE IN: 01/10/2024

DATE OUT: 01/15/2024

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
LB129096BL	1	No	6.72	N/A	20.50	300	8.96	8.94	0.02	0.02	0.02	
POLYSEED	1					10	8.84	6.31	2.53	0.51	0.52	
POLYSEED	2					15	8.72	4.43	4.29	0.57		
POLYSEED	3					20	8.61	3.67	4.94	0.49		
GGA	1					6	8.87	5.22	3.65	156.5	171.5	
GGA	2					6	8.83	4.80	4.03	175.5		
GGA	3					6	8.80	4.63	4.17	182.5		
P1078-08	1	No	8.00	7.41	20.00	2	8.84	6.49	2.35	274.5	127.26	pH Adjusted
P1078-08	2					10	8.82	6.12	2.7	65.4		
P1078-08	3					50	8.54	1.04	7.5	41.88		
P1078-08	4					100	8.21	0.18	-	0		
P1078-08DUP	1	No	8.00	7.41	20.00	2	8.87	6.60	2.27	262.5	122.46	pH Adjusted
P1078-08DUP	2					10	8.84	6.19	2.65	63.9		
P1078-08DUP	3					50	8.54	1.19	7.35	40.98		
P1078-08DUP	4					100	8.19	0.18	-	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)

66129096

WorkList Name : BODSUL-0109

WorkList ID : 177049

Department : Wet-Chemistry

Date : 01-09-2024 11:26:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1078-08	6CS	Water	BOD Soluble	Cool 4 deg C	M&MM01	O41	01/09/2024	SM5210 B

Date/Time 01/09/2024 14:30
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: 70601

Date/Time 01/10/2024 16:10
 Raw Sample Received by: 401 CWC
 Raw Sample Relinquished by: RM CWC