

BOD Soluble LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB130164

Analysis Date: 04/03/2024

BOD Water: WP107257

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP107259

NaOH, 1N: WP106529

GGA: WP107258

IncubatorID: INCUBATOR #3

Chlorine Strips: W2965

GuageID: 0511064

pH Strips: W3056

Zero DO: WP107046

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: 8.84

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

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.48

After Incubation

Meter Calibration2: 9.08

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

Barometric Pressure2: 771 mmHg



QC BATCH ID: LB130164

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 17:00

TIME OUT: 12:00

DATE IN: 04/03/2024

DATE OUT: 04/08/2024

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
LB130164BL	1	No	6.66	N/A	20.40	300	9.47	9.46	0.01	0.01	0.01	
POLYSEED	1					10	9.45	6.24	3.21	0.64	0.63	
POLYSEED	2					15	9.44	4.60	4.84	0.65		
POLYSEED	3					20	9.39	3.38	6.01	0.6		
GGA	1					6	9.44	4.76	4.68	202.5	208	
GGA	2					6	9.41	4.62	4.79	208		
GGA	3					6	9.40	4.50	4.9	213.5		
P1951-08	1	No	8.01	7.05	20.00	2	9.40	7.47	-	0	99.12	pH Adjusted
P1951-08	2					10	9.45	3.71	5.74	153.3		
P1951-08	3					50	9.34	1.22	8.12	44.94		
P1951-08	4					100	9.23	0.18	-	0		
P1951-08DUP	1	No	8.01	7.05	20.00	2	9.45	7.50	-	0	97.5	pH Adjusted
P1951-08DUP	2					10	9.44	3.79	5.65	150.6		
P1951-08DUP	3					50	9.32	1.29	8.03	44.4		
P1951-08DUP	4					100	9.22	0.20	-	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)

6130164

WorkList Name : sul-403

WorkList ID : 179105

Department : Wet-Chemistry

Date : 04-03-2024 08:02:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1951-08	6CS	Water	BOD Soluble	Cool 4 deg C	M&MM01	I21	04/02/2024	SM5210 B

Date/Time 04/03/2024 14:15
Raw Sample Received by: R17
Raw Sample Relinquished by: JACCC

Date/Time 04/03/2024 16:30
Raw Sample Received by: JACCC
Raw Sample Relinquished by: R17 (JACCC)