



BOD Soluble LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB123622

Analysis Date: 01/11/2023

BOD Water: WP100553

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2941

POLYSEED: WP100555

NaOH, 1N: WP99896

GGA: WP100554

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

Zero DO: WP100199

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.80	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.80	17.6	8.8	8.8

Meter Calibration1: 8.78

Zero DO Reading1: 0.09 mg/L (≤ 0.2 Criteria)

Barometric Pressure1: 771 mmHg

Winkler titrated BOD fluid DO reading1: 8.75

After Incubation

Meter Calibration2: 8.74

Zero DO Reading2: 0.07 mg/L (≤ 0.2 Criteria)

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.74



QC BATCH ID: LB123622

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 16:00

TIME OUT: 15:00

DATE IN: 01/11/2023

DATE OUT: 01/16/2023

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
LB123622BL	1	No	6.80	N/A	20.00	300	8.74	8.73	0.01	0.01	0.01	
POLYSEED	1					10	8.70	4.80	3.9	0.78	0.62	
POLYSEED	2					15	8.68	4.30	4.38	0.58		
POLYSEED	3					20	8.66	3.57	5.09	0.51		
GGA	1					6	8.66	4.08	4.58	198	197.83	
GGA	2					6	8.64	4.06	4.58	198		
GGA	3					6	8.61	4.04	4.57	197.5		
O1104-06	1	No	7.97	7.20	20.20	2	8.73	7.81	-	0	125.88	pH Adjusted
O1104-06	2					10	8.65	1.01	7.64	210.6		
O1104-06	3					50	8.48	1.00	7.48	41.16		
O1104-06	4					100	8.31	0.15	-	0		
O1104-06DUP	1	No	7.97	7.20	20.20	2	8.72	7.79	-	0	125.91	pH Adjusted
O1104-06DUP	2					10	8.67	1.03	7.64	210.6		
O1104-06DUP	3					50	8.50	1.01	7.49	41.22		
O1104-06DUP	4					100	8.29	0.17	-	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)

WorkList Name : bodsul1-11 WorkList ID : 166493 Department : Wet-Chemistry Date : 01-11-2023 08:48:06 L6123622

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/12/2023	Water	O1104-06	BOD Soluble	Cool 4 deg C	M&MM01	N41	6CS	01/10/2023	SM5210 B

Date/Time 01/11/2023 15:00
 Raw Sample Received by: RM (WC)
 Raw Sample Relinquished by: AP

Date/Time 01/11/2023 16:00
 Raw Sample Received by: QPS
 Raw Sample Relinquished by: RM (WC)