



BOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB129579

Analysis Date: 02/16/2024

BOD Water: WP106645

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP106647

NaOH, 1N: WP106529

GGA: WP106646

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: 8.79

Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.45

After Incubation

Meter Calibration2: 8.92

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 771 mmHg



QC BATCH ID: LB129579

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 14:30

TIME OUT: 12:00

DATE IN: 02/16/2024

DATE OUT: 02/21/2024

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
LB129579BL	1	No	6.73	N/A	20.60	300	9.44	9.42	0.02	0.02	0.02	
POLYSEED	1					10	9.41	6.14	3.27	0.65	0.63	
POLYSEED	2					15	9.37	4.60	4.77	0.64		
POLYSEED	3					20	9.35	3.45	5.9	0.59		
GGA	1					6	9.35	5.07	4.28	182.5	183.83	
GGA	2					6	9.27	5.01	4.26	181.5		
GGA	3					6	9.27	4.89	4.38	187.5		
P1500-02	1	No	5.85	6.74	20.70	0.5	9.35	6.53	2.82	1314	1438.5	pH Adjusted
P1500-02	2					1	9.32	3.48	5.84	1563		
P1500-02	3					2	9.28	0.29	-	0		
P1500-02	4					3	9.18	0.20	-	0		
P1500-02DUP	1	No	5.85	6.74	20.70	0.5	9.37	6.58	2.79	1296	1425	pH Adjusted
P1500-02DUP	2					1	9.31	3.50	5.81	1554		
P1500-02DUP	3					2	9.26	0.34	-	0		
P1500-02DUP	4					3	9.17	0.19	-	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)

6129579

WorkList Name : bod5-0215 **WorkList ID :** 177929 **Department :** Wet-Chemistry **Date :** 02-15-2024 13:42:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1500-02	EFF-VWV	Water	BOD5	Cool 4 deg C	ARDM01	E21	02/15/2024	SM5210 B

Date/Time 02/16/2024 13:00
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: JH (CWC)

Date/Time 02/16/2024 14:00
Raw Sample Received by: JH (CWC)
Raw Sample Relinquished by: RM CWC