



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB124766

Analysis Date: 03/31/2023

BOD Water: WP101766

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2941

POLYSEED: WP101768

NaOH, 1N: WP101216

GGA: WP101767

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W3006

Zero DO: WP101527

Nitrification Inhibitor: W2792

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.3	9.3	9.3
WINKLER 2	WINKLER 2	2	300	9.3	18.6	9.3	9.3

Meter Calibration1: 8.69

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

Barometric Pressure1: 771 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.36

After Incubation

Meter Calibration2: 9.03

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

Barometric Pressure2: 771 mmHg



QC BATCH ID: LB124766

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 14:30

TIME OUT: 14:00

DATE IN: 03/31/2023

DATE OUT: 04/05/2023

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
LB124766BL	1	No	6.81	N/A	20.70	300	9.35	9.34	0.01	0.01	0.01	
POLYSEED	1					10	9.29	6.02	3.27	0.65	0.64	
POLYSEED	2					15	9.27	4.32	4.95	0.66		
POLYSEED	3					20	9.25	3.12	6.13	0.61		
GGA	1					6	9.30	5.33	3.97	166.5	167.5	
GGA	2					6	9.29	5.29	4	168		
GGA	3					6	9.27	5.27	4	168		
O2140-03	1	No	7.29	N/A	20.00	5	9.28	9.10	-	0		
O2140-03	2					20	9.15	8.82	-	0		
O2140-03	3					50	8.92	8.81	-	0		
O2140-03	4					150	7.91	6.99	-	0		
O2140-03DUP	1	No	7.29	N/A	20.00	5	9.27	9.09	-	0		
O2140-03DUP	2					20	9.16	8.81	-	0		
O2140-03DUP	3					50	8.91	8.80	-	0		
O2140-03DUP	4					150	7.90	6.98	-	0		
O2140-06	1	No	7.66	7.41	20.50	5	9.21	9.18	-	0		pH Adjusted
O2140-06	2					20	9.20	9.17	-	0		
O2140-06	3					50	9.19	9.16	-	0		
O2140-06	4					150	9.18	9.15	-	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)

66124766

WorkList Name : cbod-3-31

WorkList ID : 168641

Department : Wet-Chemistry

Date : 03-31-2023 09:12:32

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/01/2023	Water	O2140-03	CBOD5	Cool 4 deg C	LIRO01	M11	MW-01	03/30/2023	SM5210 B
04/01/2023	Water	O2140-06	CBOD5	Cool 4 deg C	LIRO01	M11	MW-02	03/30/2023	SM5210 B

Date/Time 03/31/2023 13:15
 Raw Sample Received by: Rm Cwz
 Raw Sample Relinquished by: JWC

Date/Time 03/31/2023 14:40
 Raw Sample Received by: JWC
 Raw Sample Relinquished by: Rm Cwz