



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB124622

Analysis Date: 03/22/2023

BOD Water: WP101622

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2941

POLYSEED: WP101624

NaOH, 1N: WP101216

GGA: WP101623

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	9.2	9.2	9.2
WINKLER 2	WINKLER 2	2	300	9.2	18.4	9.2	9.2

Meter Calibration1: 8.86

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

Barometric Pressure1: 776 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.32

After Incubation

Meter Calibration2: 8.54

Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 755 mmHg



QC BATCH ID: LB124622

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 10:20

TIME OUT: 10:45

DATE IN: 03/22/2023

DATE OUT: 03/27/2023

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
LB124622BL	1	No	6.73	N/A	20.40	300	9.31	9.30	0.01	0.01	0.01	
POLYSEED	1					10	9.25	4.84	4.41	0.88	0.75	
POLYSEED	2					15	9.22	3.66	5.56	0.74		
POLYSEED	3					20	9.21	2.82	6.39	0.64		
GGA	1					6	9.26	4.71	4.55	190	209.67	
GGA	2					6	9.24	4.28	4.96	210.5		
GGA	3					6	9.23	3.91	5.32	228.5		
O1953-03	1	No	2.67	6.60	20.40	1	9.19	8.17	-	0	69	pH Adjusted
O1953-03	2					5	9.17	7.40	-	0		
O1953-03	3					20	9.16	3.81	5.35	69		
O1953-03	4					50	9.14	0.22	-	0		
O1953-03	5					100	9.12	0.17	-	0		
O1953-03DUP	1	No	2.67	6.60	20.40	1	9.20	8.16	-	0	69	pH Adjusted
O1953-03DUP	2					5	9.18	7.39	-	0		
O1953-03DUP	3					20	9.17	3.82	5.35	69		
O1953-03DUP	4					50	9.15	0.23	-	0		
O1953-03DUP	5					100	9.13	0.16	-	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)

66124622

WorkList Name : CBOD3-22 WorkList ID : 168385 Department : Wet-Chemistry Date : 03-22-2023 08:46:48

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/16/2023	Water	O1953-03	CBOD5	Cool 4 deg C	CHEM02	QA OI	PT-DEM-WP	03/14/2023	SM5210 B

Date/Time 03/22/2023 08:45
 Raw Sample Received by: RMA
 Raw Sample Relinquished by: JN(OC)

Date/Time 03/22/2023 10:30
 Raw Sample Received by: JN(OC)
 Raw Sample Relinquished by: RMA(OC)