



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB128246

Analysis Date: 11/09/2023

BOD Water: WP105227

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP102923

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP105229

NaOH, 1N: WP103989

GGA: WP105228

IncubatorID: INCUBATOR #3

Chlorine Strips: W2965

GuageID: 0511064

pH Strips: W3056

Zero DO: WP105067

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: 8.59

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

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.35

After Incubation

Meter Calibration2: 9.04

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

Barometric Pressure2: 771 mmHg



QC BATCH ID: LB128246

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 09:00

TIME OUT: 10:00

DATE IN: 11/09/2023

DATE OUT: 11/14/2023

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
LB128246BL	1	No	6.67	N/A	20.50	300	9.34	9.32	0.02	0.02	0.02	
POLYSEED	1					10	9.33	5.98	3.35	0.67	0.62	
POLYSEED	2					15	9.31	4.58	4.73	0.63		
POLYSEED	3					20	9.30	3.62	5.68	0.57		
GGA	1					6	9.32	5.30	4.02	170	188.83	
GGA	2					6	9.30	4.86	4.44	191		
GGA	3					6	9.30	4.57	4.73	205.5		
O5310-01	1	No	7.03	N/A	20.00	5	9.32	8.91	-	0	5.62	
O5310-01	2					20	9.30	7.69	-	0		
O5310-01	3					50	9.19	7.34	-	0		
O5310-01	4					150	8.37	4.94	3.43	5.62		
O5310-01DUP	1	No	7.03	N/A	20.00	5	9.30	8.99	-	0	5.24	
O5310-01DUP	2					20	9.39	7.91	-	0		
O5310-01DUP	3					50	9.17	7.44	-	0		
O5310-01DUP	4					150	8.39	5.15	3.24	5.24		

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.

16128246

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CBOD5-11-08

WorkList ID : 175402

Department : Wet-Chemistry

Date : 11-08-2023 14:08:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5310-01	SEMI-ANNUAL-CONDENSATE	Water	CBOD5	1:1 HNO3 to pH < 2	INFR01	L11	11/07/2023	SM5210 B

Date/Time 11/09/2023 07:30
Raw Sample Received by: RMA CWL
Raw Sample Relinquished by: 78 CWC 1

Date/Time 11/09/2023 08:50
Raw Sample Received by: 78 CWC
Raw Sample Relinquished by: RMA CWL