



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB125099

Analysis Date: 04/21/2023

BOD Water: WP102106

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2941

POLYSEED: WP102108

NaOH, 1N: WP101216

GGA: WP102107

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	9.4	9.4	9.4
WINKLER 2	WINKLER 2	2	300	9.4	18.8	9.4	9.4

Meter Calibration1: 8.66

Zero DO Reading1: 0.11 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.50

After Incubation

Meter Calibration2: 9.14

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

Barometric Pressure2: 771 mmHg



QC BATCH ID: LB125099

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 18:00

TIME OUT: 14:00

DATE IN: 04/21/2023

DATE OUT: 04/26/2023

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
LB125099BL	1	No	9.50	N/A	20.30	300	9.49	9.48	0.01	0.01	0.01	
POLYSEED	1					10	9.33	6.48	2.85	0.57	0.52	
POLYSEED	2					15	9.31	5.73	3.58	0.48		
POLYSEED	3					20	9.29	4.27	5.02	0.5		
GGA	1					6	9.48	4.39	5.09	228.5	223.67	
GGA	2					6	9.47	4.48	4.99	223.5		
GGA	3					6	9.45	4.55	4.9	219		
O2468-01	1	No	7.68	N/A	20.20	5	9.42	8.19	-	0		
O2468-01	2					20	9.39	8.18	-	0		
O2468-01	3					50	9.27	8.16	-	0		
O2468-01	4					150	8.86	7.72	-	0		
O2468-01DUP	1	No	7.68	N/A	20.30	5	9.41	8.20	-	0		
O2468-01DUP	2					20	9.40	8.19	-	0		
O2468-01DUP	3					50	9.29	8.17	-	0		
O2468-01DUP	4					150	8.88	7.71	-	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)

18105099

WorkList Name : cbod 02468

WorkList ID : 169297

Department : Wet-Chemistry

Date : 04-21-2023 16:09:15

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/23/2023	Water	02468-01	CBOD5	Cool 4 deg C	LIR001		SUMP-PUMP-GW-SAMPLE	04/21/2023	SM5210 B

Date/Time 04.21.23 16:10
 Raw Sample Received by: 70 (acc)
 Raw Sample Relinquished by: JDCSM

Date/Time 04.21.23 18:00
 Raw Sample Received by: JDCSM
 Raw Sample Relinquished by: 70 (acc)