



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB125783

Analysis Date: 06/02/2023

BOD Water: WP102740

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP102742

NaOH, 1N: WP101216

GGA: WP102741

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W3006

Zero DO: WP102602

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: 8.57

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

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.45

After Incubation

Meter Calibration2: 8.89

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure2: 755 mmHg



QC BATCH ID: LB125783

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 19:10

TIME OUT: 14:00

DATE IN: 06/02/2023

DATE OUT: 06/07/2023

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
LB125783BL	1	No	6.74	N/A	20.50	300	9.44	9.42	0.02	0.02	0.02	
POLYSEED	1					10	9.40	6.12	3.28	0.66	0.64	
POLYSEED	2					15	9.37	4.62	4.75	0.63		
POLYSEED	3					20	9.33	3.10	6.23	0.62		
GGA	1					6	9.21	5.02	4.19	177.5	187.33	
GGA	2					6	9.23	4.89	4.34	185		
GGA	3					6	9.20	4.57	4.63	199.5		
O3016-08	1	No	6.77	N/A	20.00	5	9.10	8.98	-	0		
O3016-08	2					20	9.09	8.84	-	0		
O3016-08	3					50	9.02	8.78	-	0		
O3016-08	4					150	8.81	8.58	-	0		
O3016-08DUP	1	No	6.77	N/A	20.00	5	9.13	8.98	-	0		
O3016-08DUP	2					20	9.10	8.82	-	0		
O3016-08DUP	3					50	9.04	8.73	-	0		
O3016-08DUP	4					150	8.84	8.55	-	0		
O3039-09	1	No	7.30	N/A	20.30	5	9.26	8.92	-	0		
O3039-09	2					20	8.96	8.90	-	0		
O3039-09	3					50	8.83	8.78	-	0		
O3039-09	4					150	8.79	8.60	-	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)

6625783

WorkList Name : cbod-6-02

WorkList ID : 170503

Department : Wet-Chemistry

Date : 06-02-2023 09:30:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3016-08	B-45(OW)	Water	CBOD5	Cool 4 deg C	loui01	D11	06/01/2023	SM5210 B
O3039-09	MW-34	Water	CBOD5	Cool 4 deg C	loui01	D11	06/02/2023	SM5210 B

Date/Time 06/02/2023 17:00
 Raw Sample Received by: R17 (woc)
 Raw Sample Relinquished by: 70 (woc)

Date/Time 06/02/2023 19:00
 Raw Sample Received by: 70 (woc)
 Raw Sample Relinquished by: R17 (woc)