



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB125835

Analysis Date: 06/07/2023

BOD Water: WP102824

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP102826

NaOH, 1N: WP101216

GGA: WP102825

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: 8.89

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.45

After Incubation

Meter Calibration2: 8.77

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

Barometric Pressure2: 755 mmHg



QC BATCH ID: LB125835

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 09:00

TIME OUT: 13:30

DATE IN: 06/07/2023

DATE OUT: 06/12/2023

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
LB125835BL	1	No	6.66	N/A	20.60	300	9.44	9.43	0.01	0.01	0.01	
POLYSEED	1					10	9.42	5.12	4.3	0.86	0.74	
POLYSEED	2					15	9.41	3.98	5.43	0.72		
POLYSEED	3					20	9.40	2.98	6.42	0.64		
GGA	1					6	9.32	4.62	4.7	198	211.17	
GGA	2					6	9.31	4.30	5.01	213.5		
GGA	3					6	9.29	4.11	5.18	222		
O3047-09	1	No	6.89	N/A	20.60	5	9.40	9.18	-	0		
O3047-09	2					20	9.36	8.96	-	0		
O3047-09	3					50	9.34	8.84	-	0		
O3047-09	4					150	9.24	8.71	-	0		
O3047-12	1	No	6.66	N/A	20.20	5	9.28	9.15	-	0		
O3047-12	2					20	9.23	8.90	-	0		
O3047-12	3					50	9.22	8.84	-	0		
O3047-12	4					150	9.20	8.79	-	0		
O3069-11	1	No	6.77	N/A	20.30	5	9.22	8.92	-	0		
O3069-11	2					20	9.16	8.78	-	0		
O3069-11	3					50	9.10	8.68	-	0		
O3069-11	4					150	8.81	8.55	-	0		
O3069-11DUP	1	No	6.77	N/A	20.30	5	9.23	8.90	-	0		
O3069-11DUP	2					20	9.18	8.75	-	0		
O3069-11DUP	3					50	9.08	8.71	-	0		
O3069-11DUP	4					150	8.78	8.56	-	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)

6125835

WorkList Name : CBOD 6-

WorkList ID : 170597

Department : Wet-Chemistry

Date : 06-06-2023 17:22:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3047-09 <u>E</u>	MW-41	Water	CBOD5	Cool 4 deg C	loui01	D11	06/05/2023	SM5210 B
O3047-12 <u>H</u>	TWP-07	Water	CBOD5	Cool 4 deg C	loui01	D11	06/05/2023	SM5210 B
O3069-11	TWP08	Water	CBOD5	Cool 4 deg C	loui01	D11	06/06/2023	SM5210 B

Date/Time 06/07/2023 08:06
 Raw Sample Received by: RM Cwe
 Raw Sample Relinquished by: JH Cwe

Date/Time 06/07/2023 09:00
 Raw Sample Received by: JH Cwe
 Raw Sample Relinquished by: RM Cwe