



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB125676

Analysis Date: 05/26/2023

BOD Water: WP102674

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP102676

NaOH, 1N: WP101216

GGA: WP102675

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: 8.94

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

Barometric Pressure1: 771 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.45

After Incubation

Meter Calibration2: 9.07

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

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB125676

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 15:00

TIME OUT: 13:00

DATE IN: 05/26/2023

DATE OUT: 05/31/2023

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
LB125676BL	1	No	6.76	N/A	20.80	300	9.44	9.43	0.01	0.01	0.01	
POLYSEED	1					10	9.43	5.12	4.31	0.86	0.74	
POLYSEED	2					15	9.38	3.98	5.4	0.72		
POLYSEED	3					20	9.32	2.88	6.44	0.64		
GGA	1					6	9.40	4.97	4.43	184.5	186.83	
GGA	2					6	9.32	4.90	4.42	184		
GGA	3					6	9.29	4.71	4.58	192		
O2955-15	1	No	6.79	N/A	20.00	5	9.03	8.43	-	0	12.31	
O2955-15	2					20	8.73	6.48	2.25	22.65		
O2955-15	3					50	8.28	6.00	2.28	9.24		
O2955-15	4					150	5.74	2.48	3.26	5.04		
O2955-15DUP	1	No	6.79	N/A	20.00	5	9.04	8.41	-	0	12.33	
O2955-15DUP	2					20	8.71	6.45	2.26	22.8		
O2955-15DUP	3					50	8.28	6.02	2.26	9.12		
O2955-15DUP	4					150	5.75	2.47	3.28	5.08		

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)

6125676

WorkList Name : cbod5-5-26 WorkList ID : 170364 Department : Wet-Chemistry Date : 05-26-2023 07:55:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O2955-15	41 TWP05	Water	CBOD5	Cool 4 deg C	loui01		05/25/2023	SM5210 B

Date/Time 05/26/2023 13:30
 Raw Sample Received by: RPA CWC
 Raw Sample Relinquished by: JN(CWC)

Date/Time 05/26/2023 15:10
 Raw Sample Received by: JN(CWC)
 Raw Sample Relinquished by: RPA CWC