



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB127104

Analysis Date: 08/31/2023

BOD Water: WP103963

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP102923

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP103965

NaOH, 1N: WP101216

GGA: WP103964

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W3006

Zero DO: WP103555

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: 9.40

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.31

After Incubation

Meter Calibration2: 8.71

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

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB127104

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 08:50

TIME OUT: 10:00

DATE IN: 08/31/2023

DATE OUT: 09/05/2023

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
LB127104BL	1	No	6.66	N/A	20.30	300	9.30	9.29	0.01	0.01	0.01	
POLYSEED	1					10	9.27	5.55	3.72	0.74	0.68	
POLYSEED	2					15	9.25	4.01	5.24	0.7		
POLYSEED	3					20	9.24	3.22	6.02	0.6		
GGA	1					6	9.25	5.20	4.05	168.5	176.33	
GGA	2					6	9.23	5.04	4.19	175.5		
GGA	3					6	9.21	4.83	4.38	185		
O4132-01	1	No	7.00	N/A	20.60	5	9.05	6.48	2.57	113.4	82.02	
O4132-01	2					20	8.76	1.74	7.02	95.1		
O4132-01	3					50	8.07	1.13	6.94	37.56		
O4132-01	4					150	5.93	0.30	-	0		
O4132-01DUP	1	No	7.00	N/A	20.60	5	9.02	6.59	2.43	105	79.12	
O4132-01DUP	2					20	8.74	1.70	7.04	95.4		
O4132-01DUP	3					50	8.04	1.20	6.84	36.96		
O4132-01DUP	4					150	5.95	0.27	-	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)

6127104

WorkList Name : cbod8-30

WorkList ID : 173165

Department : Wet-Chemistry

Date : 08-30-2023 08:29:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4132-01	PIT	Water	CBOD5	Cool 4 deg C	URBA02	J23	08/29/2023	SM5210 B

Date/Time 08/31/2023 07:50
 Raw Sample Received by: RFA CWC
 Raw Sample Relinquished by: JHWC1

Date/Time 08/31/2023 09:30
 Raw Sample Received by: JHWC1
 Raw Sample Relinquished by: JHWC1