



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB124520

Analysis Date: 03/16/2023

BOD Water: WP101524

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2941

POLYSEED: WP101526

NaOH, 1N: WP101216

GGA: WP101525

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	9.3	9.3	9.3
WINKLER 2	WINKLER 2	2	300	9.3	18.6	9.3	9.3

Meter Calibration1: 8.69

Zero DO Reading1: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.34

After Incubation

Meter Calibration2: 8.73

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

Barometric Pressure2: 776 mmHg



QC BATCH ID: LB124520

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 12:00

TIME OUT: 12:00

DATE IN: 03/16/2023

DATE OUT: 03/21/2023

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
LB124520BL	1	No	6.92	N/A	20.10	300	9.33	9.31	0.02	0.02	0.02	
POLYSEED	1					10	9.18	5.82	3.36	0.67	0.61	
POLYSEED	2					15	9.16	4.60	4.56	0.61		
POLYSEED	3					20	9.15	3.72	5.43	0.54		
GGA	1					6	9.30	4.70	4.6	199.5	207.17	
GGA	2					6	9.26	4.58	4.68	203.5		
GGA	3					6	9.25	4.27	4.98	218.5		
O1923-01	1	No	8.04	7.20	20.00	5	9.31	8.97	-	0		pH Adjusted
O1923-01	2					20	9.30	8.74	-	0		
O1923-01	3					50	9.29	8.72	-	0		
O1923-01	4					150	9.28	8.70	-	0		
O1923-01DUP	1	No	8.04	7.20	20.00	5	9.30	8.96	-	0		pH Adjusted
O1923-01DUP	2					20	9.29	8.73	-	0		
O1923-01DUP	3					50	9.28	8.71	-	0		
O1923-01DUP	4					150	9.27	8.70	-	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)

66124520

WorkList Name : cbod3-15

WorkList ID : 168164

Department : Wet-Chemistry

Date : 03-15-2023 10:33:41

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/17/2023	Water	O1923-01P	CBOD5	Cool 4 deg C	SOUN03	L31	SAMPLE-1	03/15/2023	SM5210 B

Date/Time 03/16/2023 10:30
 Raw Sample Received by: RFA CWC
 Raw Sample Relinquished by: JH CWC

Date/Time 03/16/2023 12:10
 Raw Sample Received by: JH CWC
 Raw Sample Relinquished by: RFA CWC