



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB127205

Analysis Date: 09/08/2023

BOD Water: WP10260

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP102923

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP104070

NaOH, 1N: WP103989

GGA: WP104065

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W3045

Zero DO: WP104002

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: 8.80

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

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.47

After Incubation

Meter Calibration2: 9.22

Zero DO Reading2: 0.11 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB127205

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 10:00

TIME OUT: 09:30

DATE IN: 09/08/2023

DATE OUT: 09/13/2023

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
LB127205BL	1	No	6.64	N/A	20.50	300	9.45	9.44	0.01	0.01	0.01	
POLYSEED	1					10	9.43	5.11	4.32	0.86	0.75	
POLYSEED	2					15	9.41	3.89	5.52	0.74		
POLYSEED	3					20	9.40	2.99	6.41	0.64		
GGA	1					6	9.44	5.05	4.39	182	201.83	
GGA	2					6	9.43	4.57	4.86	205.5		
GGA	3					6	9.41	4.30	5.11	218		
O4343-01	1	No	7.27	N/A	20.30	5	9.41	8.82	-	0		
O4343-01	2					20	9.35	8.49	-	0		
O4343-01	3					50	9.04	8.39	-	0		
O4343-01	4					150	8.15	8.03	-	0		
O4343-02	1	No	7.37	N/A	20.20	5	9.38	8.88	-	0		
O4343-02	2					20	9.34	8.65	-	0		
O4343-02	3					50	9.23	8.48	-	0		
O4343-02	4					150	8.63	7.28	-	0		
O4343-02DUP	1	No	7.37	N/A	20.20	5	9.39	8.91	-	0		
O4343-02DUP	2					20	9.34	8.65	-	0		
O4343-02DUP	3					50	9.25	8.50	-	0		
O4343-02DUP	4					150	8.66	7.38	-	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)

6127285

WorkList Name : CBOD5-9-7

WorkList ID : 173367

Department : Wet-Chemistry

Date : 09-07-2023 14:28:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4343-01	SAMPLE-1-14TH-STREET	Water	CBOD5	Cool 4 deg C	SOUN03	N11	09/06/2023	SM5210 B
O4343-02	SAMPLE-2-23RD-STREET	Water	CBOD5	Cool 4 deg C	SOUN03	N11	09/06/2023	SM5210 B

Date/Time 09/08/2023 08:36
 Raw Sample Received by: RMA CWC
 Raw Sample Relinquished by: JG(CDC)

Date/Time 09/08/2023 10:30
 Raw Sample Received by: JG(CDC)
 Raw Sample Relinquished by: RMA CWC