



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB125627

Analysis Date: 05/24/2023

BOD Water: WP102599

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP102601

NaOH, 1N: WP101216

GGA: WP102600

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: 9.01

Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.47

After Incubation

Meter Calibration2: 9.11

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

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB125627

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 10:15

TIME OUT: 12:00

DATE IN: 05/24/2023

DATE OUT: 05/29/2023

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
LB125627BL	1	No	6.70	N/A	20.50	300	9.46	9.45	0.01	0.01	0.01	
POLYSEED	1					10	9.44	5.09	4.35	0.87	0.73	
POLYSEED	2					15	9.42	4.28	5.14	0.69		
POLYSEED	3					20	9.41	3.06	6.35	0.64		
GGA	1					6	9.42	4.92	4.5	188.5	217.5	
GGA	2					6	9.38	4.18	5.2	223.5		
GGA	3					6	9.37	3.83	5.54	240.5		
O2899-10	1	No	7.14	N/A	20.30	5	9.30	8.45	-	0	7.42	
O2899-10	2					20	9.16	7.57	-	0		
O2899-10	3					50	8.88	6.89	-	0		
O2899-10	4					150	8.45	4.01	4.44	7.42		
O2899-10DUP	1	No	7.14	N/A	20.30	5	9.31	8.47	-	0	6.18	
O2899-10DUP	2					20	9.18	7.54	-	0		
O2899-10DUP	3					50	8.87	6.89	-	0		
O2899-10DUP	4					150	7.85	4.03	3.82	6.18		
O2908-13	1	No	6.74	N/A	20.00	5	9.29	8.51	-	0		
O2908-13	2					20	9.28	8.41	-	0		
O2908-13	3					50	9.22	8.11	-	0		
O2908-13	4					150	9.06	7.55	-	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)

66125627

WorkList Name : CBOD5-5-23

WorkList ID : 170262

Department : Wet-Chemistry

Date : 05-23-2023 17:16:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O2899-10	TWP01	Water	CBOD5	Cool 4 deg C	lou01	O11	05/22/2023	SM5210 B
O2908-13	TWP02	Water	CBOD5	Cool 4 deg C	lou01	O11	05/23/2023	SM5210 B

Date/Time 05/24/2023 09:00
 Raw Sample Received by: RPN
 Raw Sample Relinquished by: H. G. 1

Date/Time 05/24/2023 10:20
 Raw Sample Received by: H. G. 1
 Raw Sample Relinquished by: RPN (we)