



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB125975

Analysis Date: 06/15/2023

BOD Water: WP102920

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP102923

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP102922

NaOH, 1N: WP101216

GGA: WP102921

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: 8.79

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

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.47

After Incubation

Meter Calibration2: 8.61

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

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB125975

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 13:15

TIME OUT: 14:00

DATE IN: 06/15/2023

DATE OUT: 06/20/2023

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
LB125975BL	1	No	6.88	N/A	20.50	300	9.46	9.44	0.02	0.02	0.02	
POLYSEED	1					10	9.40	6.12	3.28	0.66	0.63	
POLYSEED	2					15	9.38	4.56	4.82	0.64		
POLYSEED	3					20	9.35	3.51	5.84	0.58		
GGA	1					6	9.36	4.98	4.38	187.5	199.33	
GGA	2					6	9.31	4.63	4.68	202.5		
GGA	3					6	9.28	4.49	4.79	208		
O3251-01	1	No	6.57	N/A	20.00	5	9.14	8.91	-	0		
O3251-01	2					20	9.12	8.80	-	0		
O3251-01	3					50	9.11	8.74	-	0		
O3251-01	4					150	9.04	8.54	-	0		
O3251-01DUP	1	No	6.57	N/A	20.00	5	9.19	8.98	-	0		
O3251-01DUP	2					20	9.16	8.86	-	0		
O3251-01DUP	3					50	9.06	8.61	-	0		
O3251-01DUP	4					150	9.00	8.43	-	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)

6125975

WorkList Name : cbod w-6 WorkList ID : 170893 Department : Wet-Chemistry Date : 06-15-2023 08:27:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3251-01 E	MW-01	Water	CBOD5	Cool 4 deg C	LRO01	G11	06/14/2023	SM5210 B

Date/Time 06/15/2023 10:00
 Raw Sample Received by: RM
 Raw Sample Relinquished by: JH CUDU

Date/Time 06/15/2023 13:00
 Raw Sample Received by: JH CUDU
 Raw Sample Relinquished by: RM CUDU