



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB127149

Analysis Date: 09/06/2023

BOD Water: WP103999

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP102923

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP104001

NaOH, 1N: WP103989

GGA: WP104000

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	8.8	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.8	17.6	8.8	8.8

Meter Calibration1: 8.60

Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.86

After Incubation

Meter Calibration2: 9.00

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

Barometric Pressure2: 755 mmHg



QC BATCH ID: LB127149

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 17:10

TIME OUT: 14:00

DATE IN: 09/06/2023

DATE OUT: 09/11/2023

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
LB127149BL	1	No	6.68	N/A	20.40	300	8.85	8.84	0.01	0.01	0.01	
POLYSEED	1					10	8.79	5.35	3.44	0.69	0.62	
POLYSEED	2					15	8.76	4.19	4.57	0.61		
POLYSEED	3					20	8.70	3.01	5.69	0.57		
GGA	1					6	8.80	4.78	4.02	170	190.83	
GGA	2					6	8.79	4.36	4.43	190.5		
GGA	3					6	8.79	3.93	4.86	212		
O4299-09	1	No	6.81	N/A	20.50	5	8.70	7.61	-	0	13.98	
O4299-09	2					20	8.63	6.35	2.28	24.9		
O4299-09	3					50	8.49	6.00	2.49	11.22		
O4299-09	4					150	7.61	4.08	3.53	5.82		
O4299-10	1	No	7.23	N/A	20.10	5	8.67	7.45	-	0	14.05	
O4299-10	2					20	8.66	7.31	-	0		
O4299-10	3					50	8.65	5.07	3.58	17.76		
O4299-10	4					150	8.46	2.67	5.79	10.34		
O4299-10DUP	1	No	7.23	N/A	20.10	5	8.70	7.34	-	0	13.51	
O4299-10DUP	2					20	8.65	7.30	-	0		
O4299-10DUP	3					50	8.61	5.16	3.45	16.98		
O4299-10DUP	4					150	8.43	2.79	5.64	10.04		

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)

6127149

WorkList Name : cbod5--9-6

WorkList ID : 173304

Department : Wet-Chemistry

Date : 09-06-2023 07:53:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4299-09	MW-01	Water	CBOD5	Cool 4 deg C	LIR001	N11	09/05/2023	SM5210 B
O4299-10	TWP-01	Water	CBOD5	Cool 4 deg C	LIR001	N11	09/05/2023	SM5210 B

Date/Time 09/06/2023 15:30
 Raw Sample Received by: RM ewe7
 Raw Sample Relinquished by: 70 CDC1

Date/Time 09/06/2023 17:10
 Raw Sample Received by: 70 CDC1
 Raw Sample Relinquished by: RM ewe7