



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB124085

Analysis Date: 02/15/2023

BOD Water: WP101028

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2941

POLYSEED: WP101030

NaOH, 1N: WP98644

GGA: WP101029

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W3006

Zero DO: WP101031

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	8.70	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.70	17.4	8.7	8.7

Meter Calibration1: 8.64

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

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.77

After Incubation

Meter Calibration2: 8.54

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Barometric Pressure2: 755 mmHg



QC BATCH ID: LB124085

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 12:00

TIME OUT: 14:00

DATE IN: 02/15/2023

DATE OUT: 02/20/2023

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
LB124085BL	1	No	7.10	N/A	20.10	300	8.76	8.75	0.01	0.01	0.01	
POLYSEED	1					10	8.66	4.62	4.04	0.81	0.64	
POLYSEED	2					15	8.64	4.16	4.48	0.6		
POLYSEED	3					20	8.62	3.54	5.08	0.51		
GGA	1					6	8.65	4.27	4.38	187	189.17	
GGA	2					6	8.63	4.20	4.43	189.5		
GGA	3					6	8.62	4.16	4.46	191		
O1553-05	1	No	7.02	N/A	20.10	5	8.53	8.39	-	0		
O1553-05	2					20	8.44	8.38	-	0		
O1553-05	3					50	8.10	8.09	-	0		
O1553-05	4					150	7.15	6.46	-	0		
O1553-05DUP	1	No	7.02	N/A	20.10	5	8.52	8.38	-	0		
O1553-05DUP	2					20	8.43	8.37	-	0		
O1553-05DUP	3					50	8.11	8.09	-	0		
O1553-05DUP	4					150	7.16	6.45	-	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)

66124085

WorkList Name :	CBOD2-14	WorkList ID :	167382	Department :	Wet-Chemistry	Date :	02-14-2023 17:10:54		
Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/16/2023	Water	O1553-05	CBOD5	Cool 4 deg C	LIRO01	G31	TWP-06	02/14/2023	SM5210 B

Date/Time 02/15/2023 10:50
Raw Sample Received by: RM (wc)
Raw Sample Relinquished by: JH (cd) 7

Date/Time 02/15/2023 12:10
Raw Sample Received by: JH (cd) 7
Raw Sample Relinquished by: RM (wc)