



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

Analysis Date: 03/02/2023

QC BATCH ID: LB124348

BOD Water: wp101272

Starch: W2977

Sulfuric acid, 1N: WP100509

POLYSEED: wp101274

GGA: wp101273

Chlorine Strips: W2011

pH Strips: W3006

MANGANOUS SULFATE SOLUTION: W2913

Alkaline Iodide Azide: W2914

Sodium Thiosulfate, 0.025N: W2941

NaOH, 1N: WP101216

IncubatorID: INCUBATOR #3

GuageID: 0511064

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: 8.77

Zero DO Reading1: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.79

After Incubation

Meter Calibration2: 8.56

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

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB124348

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 16:00

TIME OUT: 14:00

DATE IN: 03/02/2023

DATE OUT: 03/07/2023

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
LB124348BL	1	No	6.80	N/A	20.20	300	8.78	8.77	0.01	0.01	0.01	
POLYSEED	1					10	8.70	6.45	2.25	0.45	0.47	
POLYSEED	2					15	8.55	4.92	3.63	0.48		
POLYSEED	3					20	8.48	3.64	4.84	0.48		
GGA	1					6	8.68	4.82	3.86	169.5	173.67	
GGA	2					6	8.66	4.70	3.96	174.5		
GGA	3					6	8.65	4.64	4.01	177		
O1759-01	1	No	7.17	N/A	20.20	5	8.77	7.35	-	0	11.42	
O1759-01	2					20	8.75	7.17	-	0		
O1759-01	3					50	8.74	6.33	2.41	11.64		
O1759-01	4					150	8.72	2.65	6.07	11.2		
O1759-01DUP	1	No	7.17	N/A	20.20	5	8.76	7.36	-	0	11.41	
O1759-01DUP	2					20	8.75	7.18	-	0		
O1759-01DUP	3					50	8.73	6.32	2.41	11.64		
O1759-01DUP	4					150	8.72	2.66	6.06	11.18		
O1759-03	1	No	7.46	N/A	20.20	5	8.77	7.85	-	0	26.4	
O1759-03	2					20	8.75	6.24	2.51	30.6		
O1759-03	3					50	8.74	4.57	4.17	22.2		
O1759-03	4					150	8.73	0.28	-	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)

WorkList Name : cbod3-01

WorkList ID : 167794

Department : Wet-Chemistry

Date : 03-01-2023 14:53:08

6124348

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/03/2023	Water	O1759-01	CBOD5	Cool 4 deg C	DVIR01	E21	DEP-1	03/01/2023	SM5210 B
03/03/2023	Water	O1759-03	CBOD5	Cool 4 deg C	DVIR01	E21	DEP-2	03/01/2023	SM5210 B

Date/Time 03/02/2023 15:05
 Raw Sample Received by: RM SPT
 Raw Sample Relinquished by: JPT

Date/Time 03/02/2023 16:19
 Raw Sample Received by: JPT
 Raw Sample Relinquished by: RM CWC