



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB122841

Analysis Date: 11/10/2022

BOD Water: WP99831

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2766

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP97258

Sodium Thiosulfate, 0.025N: W2941

POLYSEED: WP99833

NaOH, 1N: WP97250

GGA: WP99832

IncubatorID:

Chlorine Strips: W2011

GuageID:

pH Strips: W2716

Zero DO: WP99822

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

Meter Calibration1: 9.32

Zero DO Reading1: 0.08 mg/L (≤ 0.2 Criteria)

Barometric Pressure1: 765 mmHg

Winkler titrated BOD fluid DO reading1: 8.73

After Incubation

Meter Calibration2: 9.57

Zero DO Reading2: 0.07 mg/L (≤ 0.2 Criteria)

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.70



QC BATCH ID: LB122841

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 14:00

TIME OUT: 15:00

DATE IN: 11/10/2022

DATE OUT: 11/15/2022

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
LB122841BL	1	No	7.20	N/A	20.30	300	8.75	8.67	0.08	0.08	0.08	
POLYSEED	1					10	8.38	4.60	3.78	0.76	0.62	
POLYSEED	2					15	8.28	3.90	4.38	0.58		
POLYSEED	3					20	8.08	2.80	5.28	0.53		
GGA	1					6	8.55	4.40	4.15	176.5	200.67	
GGA	2					6	8.43	4.18	4.25	181.5		
GGA	3					6	8.40	2.90	5.5	244		
N5564-01	1	No	6.45	6.70	20.50	5	8.50	8.16	-	0		pH Adjusted
N5564-01	2					20	8.39	7.81	-	0		
N5564-01	3					50	8.14	7.63	-	0		
N5564-01	4					150	7.11	6.62	-	0		
N5564-01DUP	1	No	6.45	6.70	20.50	5	8.52	8.20	-	0		pH Adjusted
N5564-01DUP	2					20	8.40	7.85	-	0		
N5564-01DUP	3					50	8.17	7.67	-	0		
N5564-01DUP	4					150	7.16	6.70	-	0		
N5564-02	1	No	7.06	N/A	20.40	5	8.51	7.89	-	0		
N5564-02	2					20	8.40	7.87	-	0		
N5564-02	3					50	8.24	7.70	-	0		
N5564-02	4					150	7.43	6.97	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

LB122841

WorkList Name : cbod11-10

WorkList ID : 164912

Department : Wet-Chemistry

Date : 11-10-2022 10:24:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/11/2022	Water	N5564-01	CBOD5	Cool 4 deg C	loui01	B-4C(OW)		11/09/2022	SM5210 B
11/11/2022	Water	N5564-02	CBOD5	Cool 4 deg C	loui01	B-1(OW)		11/09/2022	SM5210 B

Date/Time 11/10/22 12:00
 Raw Sample Received by: RM (CWC)
 Raw Sample Relinquished by: CP(SM)

Date/Time 11/10/22 14:00
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: RM (CWC)