



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB123621

Analysis Date: 01/11/2023

BOD Water: WP100553

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2941

POLYSEED: WP100555

NaOH, 1N: WP99896

GGA: WP100554

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

Zero DO: WP100199

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	8.80	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.80	17.6	8.8	8.8

Meter Calibration1: 8.78

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

Barometric Pressure1: 771 mmHg

Winkler titrated BOD fluid DO reading1: 8.75

After Incubation

Meter Calibration2: 8.74

Zero DO Reading2: 0.09 mg/L (≤ 0.2 Criteria)

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.74



QC BATCH ID: LB123621

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 09:30

TIME OUT: 11:00

DATE IN: 01/11/2023

DATE OUT: 01/16/2023

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
LB123621BL	1	No	6.80	N/A	20.00	300	8.74	8.73	0.01	0.01	0.01	
POLYSEED	1					10	8.70	4.80	3.9	0.78	0.62	
POLYSEED	2					15	8.68	4.30	4.38	0.58		
POLYSEED	3					20	8.66	3.57	5.09	0.51		
GGA	1					6	8.66	4.57	4.09	173.5	173.33	
GGA	2					6	8.62	4.54	4.08	173		
GGA	3					6	8.60	4.51	4.09	173.5		
O1079-01	1	No	7.33	N/A	20.10	5	8.73	8.01	-	0		
O1079-01	2					20	8.68	7.96	-	0		
O1079-01	3					50	8.53	6.92	-	0		
O1079-01	4					150	8.09	6.85	-	0		
O1079-01DUP	1	No	7.33	N/A	20.10	5	8.72	7.99	-	0		
O1079-01DUP	2					20	8.66	7.98	-	0		
O1079-01DUP	3					50	8.52	6.94	-	0		
O1079-01DUP	4					150	8.07	6.87	-	0		
O1079-02	1	No	7.32	N/A	20.10	5	8.71	7.70	-	0		
O1079-02	2					20	8.63	7.69	-	0		
O1079-02	3					50	8.39	7.38	-	0		
O1079-02	4					150	7.60	5.62	-	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 : CBOD1-10

WorkList ID : 166456

Department : Wet-Chemistry

Date : 01-10-2023 10:32:41

66123621

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/11/2023	Water	O1079-01	CBOD5	Cool 4 deg C	SOUN03	N31	SAMPLE-1-EFFLUENT	01/09/2023	SM5210 B
01/11/2023	Water	O1079-02	CBOD5	Cool 4 deg C	SOUN03	N31	SAMPLE-2-INFLUENT	01/09/2023	SM5210 B

Date/Time 01/11/2023 08:40
 Raw Sample Received by: RM (WC)
 Raw Sample Relinquished by: (WC)

Date/Time 01/11/2023 09:35
 Raw Sample Received by: (WC)
 Raw Sample Relinquished by: (WC)