



BOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

Analysis Date: 01/12/2023

QC BATCH ID: LB123663

BOD Water: WP100589

Starch: W2977

Sulfuric acid, 1N: WP100509

POLYSEED: WP100591

GGA: WP100590

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2913

Alkaline Iodide Azide: W2914

Sodium Thiosulfate, 0.025N: W2941

NaOH, 1N: WP99896

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP100199

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: 9.21

Barometric Pressure1: 765 mmHg

After Incubation

Meter Calibration2: 9.37

Barometric Pressure2: 755 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.77

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

Winkler titrated BOD fluid DO reading2: 8.76



QC BATCH ID: LB123663

INCUBATOR TEMP IN(C): 19.8

INCUBATOR TEMP OUT(C): 19.8

TIME IN: 14:30

TIME OUT: 15:20

DATE IN: 01/12/2023

DATE OUT: 01/17/2023

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
LB123663BL	1	No	6.90	N/A	20.00	300	8.76	8.75	0.01	0.01	0.01	
POLYSEED	1					10	8.54	4.74	3.8	0.76	0.59	
POLYSEED	2					15	8.45	4.28	4.17	0.56		
POLYSEED	3					20	8.32	3.84	4.48	0.45		
GGA	1					6	8.71	3.92	4.79	210	210.5	
GGA	2					6	8.69	3.89	4.8	210.5		
GGA	3					6	8.67	3.86	4.81	211		
O1113-02	1	No	6.43	6.80	20.00	0.5	8.71	7.72	-	0	516.5	pH Adjuste
O1113-02	2					1	8.70	6.89	-	0		
O1113-02	3					2	8.69	4.64	4.05	519		
O1113-02	4					3	8.68	2.95	5.73	514		
O1121-01	1	No	8.36	7.28	20.20	5	8.75	8.24	-	0		pH Adjuste
O1121-01	2					20	8.74	7.95	-	0		
O1121-01	3					50	8.73	7.18	-	0		
O1121-01	4					150	8.72	6.77	-	0		
O1121-01DUP	1	No	8.36	7.28	20.20	5	8.74	8.22	-	0		pH Adjuste
O1121-01DUP	2					20	8.72	7.96	-	0		
O1121-01DUP	3					50	8.71	7.16	-	0		
O1121-01DUP	4					150	8.70	6.76	-	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)

Lb123663

WorkList Name : bod1-12

WorkList ID : 166522

Department : Wet-Chemistry

Date : 01-12-2023 09:04:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/13/2023	Water	O1113-02 A	BOD5	Cool 4 deg C	ARAM01	N11	COMP	01/11/2023	SM5210 B
01/13/2023	Water	O1121-01 C	BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	01/11/2023	SM5210 B

Date/Time 01/12/2023 13:00
Raw Sample Received by: RM (CWC)
Raw Sample Relinquished by: RM (CWC)

Date/Time 01/12/2023 16:49
Raw Sample Received by: RM (CWC)
Raw Sample Relinquished by: RM (CWC)