

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 09/15/2023**QC BATCH ID:** LB127317**BOD Water:** WP104189**Starch:** W2977**Sulfuric acid, 1N:** WP102923**POLYSEED:** WP104191**GGA:** WP104190**Chlorine Strips:** W2011**pH Strips:** W3045**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2976**NaOH, 1N:** WP103989**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP104002

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.4	9.4	9.4
WINKLER 2	WINKLER 2	2	300	9.4	18.8	9.4	9.4

Meter Calibration1: 9.32

Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.45

After Incubation

Meter Calibration2: 9.38

Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB127317

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 17:00

TIME OUT: 13:00

DATE IN: 09/15/2023

DATE OUT: 09/20/2023

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
LB127317BL	1	No	6.69	N/A	20.30	300	9.44	9.43	0.01	0.01	0.01	
POLYSEED	1					10	9.42	6.28	3.14	0.63	0.62	
POLYSEED	2					15	9.40	4.93	4.47	0.6		
POLYSEED	3					20	9.39	3.03	6.36	0.64		
GGA	1					6	9.40	5.26	4.14	176	196.17	
GGA	2					6	9.39	4.89	4.5	194		
GGA	3					6	9.36	4.37	4.99	218.5		
O4466-01	1	No	7.13	N/A	20.00	5	9.42	8.65	-	0	10.08	
O4466-01	2					20	9.38	7.89	-	0		
O4466-01	3					50	9.23	6.93	2.3	10.08		
O4466-01	4					150	8.29	6.63	-	0		
O4466-01DUP	1	No	7.13	N/A	20.00	5	9.41	8.50	-	0	9.6	
O4466-01DUP	2					20	9.36	7.81	-	0		
O4466-01DUP	3					50	9.20	6.98	2.22	9.6		
O4466-01DUP	4					150	8.29	6.60	-	0		
O4466-03	1	No	7.37	N/A	20.00	5	9.42	8.34	-	0	5.06	
O4466-03	2					20	9.26	8.04	-	0		
O4466-03	3					50	8.91	7.27	-	0		
O4466-03	4					150	7.29	4.14	3.15	5.06		
O4478-02	1	No	6.54	N/A	20.00	0.5	9.33	8.55	-	0	164	
O4478-02	2					1	9.31	8.29	-	0		
O4478-02	3					2	9.27	7.66	-	0		
O4478-02	4					3	9.19	6.93	2.26	164		

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)

6127317

WorkList Name : bod5 9-15

WorkList ID : 173614

Department : Wet-Chemistry

Date : 09-15-2023 08:10:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4466-01	RW4	Water	BOD5	Cool 4 deg C	GENV01	D21	09/14/2023	SM5210 B
O4466-03	FW11D	Water	BOD5	Cool 4 deg C	GENV01	D21	09/14/2023	SM5210 B
O4478-02	EFF-VWV	Water	BOD5	Cool 4 deg C	ARDM01	D31	09/15/2023	SM5210 B

Date/Time 09/15/2023 15:30
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: 7A GDC

Date/Time 09/15/2023 16:30
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: RM CWC