

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**QC BATCH ID:** LB126838**Analysis Date:** 08/11/2023**BOD Water:** WP103716**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP102923**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP103718**NaOH, 1N:** WP101216**GGA:** WP103717**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP103555

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.1	9.1	9.1
WINKLER 2	WINKLER 2	2	300	9.1	18.2	9.1	9.1

Meter Calibration1: 8.94

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

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.15

After Incubation

Meter Calibration2: 9.09

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB126838

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 15:20

TIME OUT: 11:00

DATE IN: 08/11/2023

DATE OUT: 08/16/2023

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
LB126838BL	1	No	6.68	N/A	20.40	300	9.14	9.13	0.01	0.01	0.01	
POLYSEED	1					10	9.13	6.38	2.75	0.55	0.58	
POLYSEED	2					15	9.12	4.59	4.53	0.6		
POLYSEED	3					20	9.05	3.23	5.82	0.58		
GGA	1					6	9.12	4.38	4.74	208	217.67	
GGA	2					6	9.10	4.24	4.86	214		
GGA	3					6	9.09	3.89	5.2	231		
O3988-01	1	No	6.45	6.60	20.20	5	9.12	5.30	3.82	194.4	92.5	pH Adjusted
O3988-01	2					20	8.73	4.11	4.62	60.6		
O3988-01	3					50	7.93	3.60	4.33	22.5		
O3988-01	4					150	4.61	0.17	-	0		
O3988-02	1	No	6.46	6.67	20.50	5	9.11	7.69	-	0	49.65	pH Adjusted
O3988-02	2					20	8.83	4.94	3.89	49.65		
O3988-02	3					50	7.96	0.20	-	0		
O3988-02	4					150	4.54	0.15	-	0		
O3990-01	1	No	4.62	6.71	20.10	0.5	9.13	8.05	-	0	43.8	pH Adjusted
O3990-01	2					1	9.12	7.98	-	0		
O3990-01	3					2	9.06	7.70	-	0		
O3990-01	4					5	8.67	6.98	-	0		
O3990-01	5					10	8.01	5.97	2.04	43.8		
O3990-05	1	No	4.44	6.69	20.20	0.01	9.13	8.46	-	0	5640	pH Adjusted
O3990-05	2					0.05	9.10	7.36	-	0		
O3990-05	3					0.1	9.07	6.61	2.46	5640		
O3990-05	4					0.5	8.69	0.95	-	0		
O3990-05	5					1	8.07	0.15	-	0		
O3992-02	1	No	10.14	7.40	20.10	0.5	9.12	4.05	5.07	2694	2694	pH Adjusted
O3992-02	2					1	9.06	0.19	-	0		
O3992-02	3					2	8.99	0.16	-	0		
O3992-02	4					3	8.87	0.13	-	0		
O3992-02DUP	1	No	10.14	7.40	20.10	0.5	9.11	4.13	4.98	2640	2640	pH Adjusted
O3992-02DUP	2					1	9.05	0.22	-	0		
O3992-02DUP	3					2	8.99	0.18	-	0		
O3992-02DUP	4					3	8.85	0.13	-	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)

6126838

WorkList Name : BOD5 -8-11

WorkList ID : 172634

Department : Wet-Chemistry

Date : 08-11-2023 11:14:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3988-01	001-WILLETS-PT-BLVD(AUG)	Water	BOD5	Cool 4 deg C	TULL01	L21	08/10/2023	SM5210 B
O3988-02	002-35TH-AVE(AUG)	Water	BOD5	Cool 4 deg C	TULL01	L21	08/10/2023	SM5210 B
O3990-01	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	N11	08/11/2023	SM5210 B
O3990-05	INFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	N11	08/11/2023	SM5210 B
O3992-02	EFF-WWW	Water	BOD5	Cool 4 deg C	ARDM01	N11	08/11/2023	SM5210 B

Date/Time 08/11/2023 13:30
 Raw Sample Received by: PRA CWC
 Raw Sample Relinquished by: JALCWC

Date/Time 08/11/2023 15:30
 Raw Sample Received by: JALCWC
 Raw Sample Relinquished by: PRA CWC