

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**QC BATCH ID:** LB126403**Analysis Date:** 07/12/2023**BOD Water:** WP103216**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP102923**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP103218**NaOH, 1N:** WP101216**GGA:** WP103217**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP103062

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: 8.68

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

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.72

After Incubation

Meter Calibration2: 8.68

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

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB126403

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 16:30

TIME OUT: 14:00

DATE IN: 07/12/2023

DATE OUT: 07/17/2023

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
LB126403BL	1	No	6.67	N/A	20.60	300	8.71	8.69	0.02	0.02	0.02	
POLYSEED	1					10	8.67	5.29	3.38	0.68	0.62	
POLYSEED	2					15	8.63	4.02	4.61	0.61		
POLYSEED	3					20	8.59	2.96	5.63	0.56		
GGA	1					6	8.66	4.69	3.97	167.5	175	
GGA	2					6	8.65	4.51	4.14	176		
GGA	3					6	8.63	4.38	4.25	181.5		
O3576-01	1	No	5.07	6.69	20.60	0.05	8.63	6.26	2.37	10500	8080	pH Adjusted
O3576-01	2					0.1	8.59	5.81	2.78	6480		
O3576-01	3					0.2	8.46	3.00	5.46	7260		
O3576-01	4					0.5	8.24	0.30	-	0		
O3576-01	5					1	7.58	0.26	-	0		
O3578-01	1	No	7.86	7.42	20.10	2	8.66	7.62	-	0	15.84	pH Adjusted
O3578-01	2					10	8.65	6.90	-	0		
O3578-01	3					50	8.61	5.35	3.26	15.84		
O3578-01	4					100	8.58	0.27	-	0		
O3578-01DUP	1	No	7.86	7.42	20.10	2	8.64	7.51	-	0	16.5	pH Adjusted
O3578-01DUP	2					10	8.63	6.87	-	0		
O3578-01DUP	3					50	8.60	5.23	3.37	16.5		
O3578-01DUP	4					100	8.59	0.38	-	0		
O3596-01	1	No	6.68	N/A	20.40	5	8.59	4.34	4.25	217.8	217.8	
O3596-01	2					20	8.34	0.20	-	0		
O3596-01	3					50	7.79	0.16	-	0		
O3596-01	4					150	4.60	0.15	-	0		
O3596-02	1	No	6.78	N/A	20.40	5	8.54	4.92	3.62	180	180	
O3596-02	2					20	8.16	0.80	-	0		
O3596-02	3					50	7.46	0.19	-	0		
O3596-02	4					150	4.75	0.14	-	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)

6126403

WorkList Name : bod5-7-12 WorkList ID : 171786 Department : Wet-Chemistry Date : 07-12-2023 07:53:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3576-01	DRAIN-WATER-TANK-1	Water	BOD5	Cool 4 deg C	MAJO01	I11	07/11/2023	SM5210 B
O3578-01	1C	Water	BOD5	Cool 4 deg C	M&MM01	I11	07/11/2023	SM5210 B
O3596-01	001-WILLETS-PT-BLVD(JULY)	Water	BOD5	Cool 4 deg C	TULL01	I11	07/11/2023	SM5210 B
O3596-02	002-35TH-AVE(JULY)	Water	BOD5	Cool 4 deg C	TULL01	I11	07/11/2023	SM5210 B

Date/Time 07/12/2023 15:00
 Raw Sample Received by: RM - CWC
 Raw Sample Relinquished by: JALCOCY

Date/Time 07/12/2023 16:40
 Raw Sample Received by: JALCOCY
 Raw Sample Relinquished by: RM - CWC