

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 11/17/2022**QC BATCH ID:** LB122931**BOD Water:** WP99928**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP97258**Sodium Thiosulfate, 0.025N:** W2941**POLYSEED:** WP99930**NaOH, 1N:** WP97250**GGA:** WP99929**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP99822

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: 8.87

Zero DO Reading1: 0.07 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

Winkler titrated BOD fluid DO reading1: 8.47

After Incubation

Meter Calibration2: 8.70

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

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.62



QC BATCH ID: LB122931

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 13:30

TIME OUT: 15:30

DATE IN: 11/17/2022

DATE OUT: 11/22/2022

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
LB122931BL	1	No	6.8	N/A	20.20	300	8.40	8.30	0.1	0.1	0.1	
POLYSEED	1					10	8.22	4.80	3.42	0.68	0.56	
POLYSEED	2					15	8.15	4.20	3.95	0.53		
POLYSEED	3					20	8.03	3.20	4.83	0.48		
GGA	1					6	8.28	4.20	4.08	176	176.5	
GGA	2					6	8.27	4.18	4.09	176.5		
GGA	3					6	8.27	4.17	4.1	177		
N5643-02	1	No	10.04	7.10	20.40	5	8.22	5.74	2.48	115.2	90.15	pH Adjusted
N5643-02	2					20	8.17	3.27	4.9	65.1		
N5643-02	3					50	8.15	0.21	-	0		
N5643-02	4					150	8.14	0.18	-	0		
N5643-02DUP	1	No	10.04	7.10	20.40	5	8.25	5.78	2.47	114.6	90	pH Adjusted
N5643-02DUP	2					20	8.21	3.29	4.92	65.4		
N5643-02DUP	3					50	8.16	0.23	-	0		
N5643-02DUP	4					150	8.13	0.19	-	0		
N5656-01	1	No	8.31	7.10	20.50	5	8.17	7.37	-	0	5.14	pH Adjusted
N5656-01	2					20	8.16	7.17	-	0		
N5656-01	3					50	8.15	6.16	-	0		
N5656-01	4					150	8.12	4.99	3.13	5.14		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod11-16

WorkList ID : 165072

Department : Wet-Chemistry

Date : 11-16-2022 08:43:26

LB122931

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/18/2022	Water	N5656-01	C BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	11/16/2022	SM5210 B
11/18/2022	Water	N5643-02	B BOD5	Cool 4 deg C	ARAM01	N11	COMP	11/16/2022	SM5210 B

Date/Time 11/17/22 12:00
 Raw Sample Received by: RPA CWC
 Raw Sample Relinquished by: CP(SM)

Date/Time 11/17/22 14:00
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: RPA CWC