

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 11/09/2022**QC BATCH ID:** LB122821**BOD Water:** WP99806**Starch:** W2766**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP99808**GGA:** WP99807**Chlorine Strips:** W2011**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2941**NaOH, 1N:** WP97250**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**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	8.75	8.75	8.75
WINKLER 2	WINKLER 2	2	300	8.75	17.5	8.75	8.75

Meter Calibration1: 9.30

Barometric Pressure1: 771 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.74

After Incubation

Meter Calibration2: 9.12

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.67



QC BATCH ID: LB122821

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 12:45

TIME OUT: 14:20

DATE IN: 11/09/2022

DATE OUT: 11/14/2022

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
LB122821BL	1	No	6.9	N/A	20.10	300	8.72	8.63	0.09	0.09	0.09	
POLYSEED	1					10	8.72	4.98	3.74	0.75	0.64	
POLYSEED	2					15	8.68	4.70	3.98	0.53		
POLYSEED	3					20	8.66	2.30	6.36	0.64		
GGA	1					6	8.65	4.18	4.47	191.5	181.33	
GGA	2					6	8.70	4.90	3.8	158		
GGA	3					6	8.69	4.16	4.53	194.5		
N5522-01	1	No	5.67	7.10	20.30	0.05	8.73	8.29	-	0	1609.5	pH Adjusted
N5522-01	2					0.1	8.72	7.90	-	0		
N5522-01	3					0.2	8.70	7.51	-	0		
N5522-01	4					0.5	8.69	5.62	3.07	1458		
N5522-01	5					1.0	8.68	2.17	6.51	1761		
N5522-01DUP	1	No	5.67	7.10	20.30	0.05	8.72	8.25	-	0	1591.5	pH Adjusted
N5522-01DUP	2					0.1	8.71	7.95	-	0		
N5522-01DUP	3					0.2	8.69	7.55	-	0		
N5522-01DUP	4					0.5	8.68	5.65	3.03	1434		
N5522-01DUP	5					1.0	8.67	2.20	6.47	1749		

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

WORKLIST(Hardcopy Internal Chain)

6122821

WorkList Name : bod11-9

WorkList ID : 164850

Department : Wet-Chemistry

Date : 11-09-2022 08:45:28

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/10/2022	Water	N5522-01	BOD5	Cool 4 deg C	MAJO01	G11	DRAIN-WATER-TANK-1	11/08/2022	SM5210 B

Date/Time 11/9/22 12:00
 Raw Sample Received by: RM (WC)
 Raw Sample Relinquished by: SJ (WC)

Date/Time 11/9/22 12:50
 Raw Sample Received by: SJ (WC)
 Raw Sample Relinquished by: RM (WC)