

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 11/18/2022**QC BATCH ID:** LB122948**BOD Water:** WP99941**Starch:** W2977**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP99943**GGA:** WP99942**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	8.80	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.80	17.6	8.8	8.8

Meter Calibration1: 8.47

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.69

After Incubation

Meter Calibration2: 9.16

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.08 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.45



QC BATCH ID: LB122948

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 14:45

TIME OUT: 16:00

DATE IN: 11/18/2022

DATE OUT: 11/23/2022

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
LB122948BL	1	No	6.7	N/A	20.40	300	8.67	8.42	0.25	0.25	0.25	
POLYSEED	1					10	8.57	4.21	4.36	0.87	0.75	
POLYSEED	2					15	8.56	3.12	5.44	0.73		
POLYSEED	3					20	8.68	2.20	6.48	0.65		
GGA	1					6	8.64	4.40	4.24	174.5	190.67	
GGA	2					6	8.64	3.98	4.66	195.5		
GGA	3					6	8.59	3.80	4.79	202		
N5709-01	1	No	7.52	7.27	20.30	5	8.63	7.73	-	0	3	pH Adjusted
N5709-01	2					20	8.62	7.71	-	0		
N5709-01	3					50	8.60	7.26	-	0		
N5709-01	4					150	8.45	6.20	2.25	3		
N5709-01DUP	1	No	7.52	7.27	20.30	5	8.64	7.72	-	0	3.06	pH Adjusted
N5709-01DUP	2					20	8.63	7.70	-	0		
N5709-01DUP	3					50	8.59	7.23	-	0		
N5709-01DUP	4					150	8.48	6.20	2.28	3.06		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod11-18

WorkList ID : 165144

Department : Wet-Chemistry

Date : 11-18-2022 08:32:57

LB122948

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/19/2022	Water	N5709-01 C1	BOD5	Cool 4 deg C	ENVI70	N11	COMP-SAMPLE-TANK-12-31-32-33	11/17/2022	SM5210 B

Date/Time 11/18/2022 14:16
 Raw Sample Received by: RM (we)
 Raw Sample Relinquished by: JP (BM)

Date/Time 11/18/2022 14:45
 Raw Sample Received by: CP (SM)
 Raw Sample Relinquished by: RM (we)