

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 11/30/2022**QC BATCH ID:** LB123067**BOD Water:** WP100064**Starch:** W2977**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP100066**GGA:** WP100065**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: 8.32

Barometric Pressure1: 750 mmHg

Zero DO Reading1: 0.06 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.70

After Incubation

Meter Calibration2: 8.31

Barometric Pressure2: 760 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.67



QC BATCH ID: LB123067

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 16:00

TIME OUT: 16:30

DATE IN: 11/30/2022

DATE OUT: 12/05/2022

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
LB123067BL	1	No	7.10	N/A	20.40	300	8.69	8.66	0.03	0.03	0.03	
POLYSEED	1					10	8.68	4.82	3.86	0.77	0.67	
POLYSEED	2					15	8.66	4.23	4.43	0.59		
POLYSEED	3					20	8.59	2.20	6.39	0.64		
GGA	1					6	8.69	4.50	4.19	176	176.33	
GGA	2					6	8.68	4.48	4.2	176.5		
GGA	3					6	8.66	4.46	4.2	176.5		
N5816-01	1	No	8.30	7.28	20.50	5	8.68	7.38	-	0	4.8	pH Adjusted
N5816-01	2					20	8.67	7.36	-	0		
N5816-01	3					50	8.65	6.76	-	0		
N5816-01	4					150	8.64	5.57	3.07	4.8		
N5816-01DUP	1	No	8.30	7.28	20.50	5	8.67	7.40	-	0	4.72	pH Adjusted
N5816-01DUP	2					20	8.66	7.38	-	0		
N5816-01DUP	3					50	8.65	6.80	-	0		
N5816-01DUP	4					150	8.64	5.61	3.03	4.72		
N5820-02	1	No	6.46	6.70	20.10	0.5	8.67	5.91	2.76	1254	1269	pH Adjusted
N5820-02	2					1	8.66	3.71	4.95	1284		
N5820-02	3					2	8.65	0.42	-	0		
N5820-02	4					3	8.64	0.22	-	0		

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

WORKLIST(Hardcopy Internal Chain)

16123067

WorkList Name : bod11-30 **WorkList ID :** 165386 **Department :** Wet-Chemistry **Date :** 11-30-2022 09:04:44

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/02/2022	Water	N5816-01	⌞ BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	11/30/2022	SM5210 B
12/02/2022	Water	N5820-02	β BOD5	Cool 4 deg C	ARAM01	J62	COMP	11/30/2022	SM5210 B

Date/Time 11/30/2022 15:15
Raw Sample Received by: RM (we)
Raw Sample Relinquished by: CP (sm)

Date/Time 11/30/2022 16:00
Raw Sample Received by: CP (sm)
Raw Sample Relinquished by: RM (we)