

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 12/01/2022**QC BATCH ID:** LB123077**BOD Water:** WP100069**Starch:** W2977**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP100071**GGA:** WP100070**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	8.70	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.70	17.4	8.7	8.7

Meter Calibration1: 8.78Barometric Pressure1: 760 mmHgZero DO Reading1: 0.06 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.70**After Incubation**Meter Calibration2: 9.36Barometric Pressure2: 765 mmHgZero DO Reading2: 0.07 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.68



QC BATCH ID: LB123077

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 16:00

TIME OUT: 16:30

DATE IN: 12/01/2022

DATE OUT: 12/06/2022

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
LB123077BL	1	No	6.7	N/A	20.40	300	8.69	8.60	0.09	0.09	0.09	
POLYSEED	1					10	8.53	4.86	3.67	0.73	0.68	
POLYSEED	2					15	8.46	3.20	5.26	0.7		
POLYSEED	3					20	8.40	2.18	6.22	0.62		
GGA	1					6	8.67	4.30	4.37	184.5	186.17	
GGA	2					6	8.65	4.25	4.4	186		
GGA	3					6	8.64	4.20	4.44	188		
N5835-01	1	No	7.69	7.28	20.50	0.5	8.68	6.95	-	0	354.15	pH Adjusted
N5835-01	2					1	8.67	6.84	-	0		
N5835-01	3					2	8.63	5.34	3.29	391.5		
N5835-01	4					5	8.47	2.51	5.96	316.8		
N5835-01	5					10	8.08	0.23	-	0		
N5835-05	1	No	6.21	6.80	20.20	0.01	8.69	7.44	-	0	3038	pH Adjusted
N5835-05	2					0.05	8.68	7.43	-	0		
N5835-05	3					0.1	8.66	5.71	2.95	6810		
N5835-05	4					0.5	8.64	5.56	3.08	1440		
N5835-05	5					1	8.63	5.07	3.56	864		
N5835-05DUP	1	No	6.21	6.80	20.20	0.01	8.69	7.45	-	0	3250	pH Adjusted
N5835-05DUP	2					0.05	8.67	7.42	-	0		
N5835-05DUP	3					0.1	8.65	5.50	3.15	7410		
N5835-05DUP	4					0.5	8.64	5.48	3.16	1488		
N5835-05DUP	5					1	8.62	5.10	3.52	852		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod12-1

WorkList ID : 165420

Department : Wet-Chemistry

Date : 12-01-2022 10:22:45

66123077

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/03/2022	Water	N5835-01 C	BOD5	Cool 4 deg C	HOLL01	M11	EFFLUENT	12/01/2022	SM5210 B
12/03/2022	Water	N5835-05 B	BOD5	Cool 4 deg C	HOLL01	M11	INFLUENT	12/01/2022	SM5210 B

Date/Time 12/1/2022 15:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: CP (SM)

Date/Time 12/1/2022 16:10
 Raw Sample Received by: CP (SM)
 Raw Sample Relinquished by: RM CWC