

**BOD5 LOG****Analysis Date:** 01/16/2020**QC BATCH ID:** LB107203**ANALYST:** Alexander**BOD Water:** WP81251**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP81253**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP81254**NaOH, 0.25N:** WP80974**Chlorine Strips:** W2430**IncubatorID:** Incubator-3**pH Strips:** W2644**Zero DO:** WP81261

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.9
WINKLER 2	WINKLER 2	2	300	8.7	17.8	9.1	8.9

Meter Calibration1 : 8.90

Zero DO Reading1 : 0.04 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.90

Zero DO Reading2 : 0.05 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB107203

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 15:20

TIME OUT: 10:10

DATE IN: 01/16/2020

DATE OUT: 01/21/2020

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
LB107203BL	1	No	6.2	N/A	21.70	300	8.89	8.82	0.07	0.07	0.07	
POLYSEED	1					10	8.77	6.06	2.71	0.54	0.65	
POLYSEED	2					15	8.73	3.32	5.41	0.72		
POLYSEED	3					20	8.65	1.80	6.85	0.69		
GGA	1					6	8.84	3.95	4.89	212	212	
GGA	2					6	8.84	4.08	4.76	205.5	205.5	
GGA	3					6	8.84	4.16	4.68	201.5	201.5	
L1144-02	1	No	7.2	N/A	21.90	0.5	8.82	5.94	2.88	1338	996	
L1144-02	2					1	8.81	5.12	3.69	912		
L1144-02	3					2	8.81	3.24	5.57	738		
L1144-02	4					3	8.80	0.86	-	0		
L1144-02DUP	1	No	7.2	N/A	21.90	0.5	8.83	5.66	3.17	1512	1056.75	
L1144-02DUP	2					1	8.81	4.24	4.57	1176		
L1144-02DUP	3					2	8.81	2.60	6.21	834		
L1144-02DUP	4					3	8.80	1.10	7.7	705		

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

LB107203
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD1162020 WorkList ID : 135097 Department : Wet-Chemistry Date : 01-16-2020 10:50:32

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/17/2020	Water	L1144-02	BOD5	Cool 4 deg C	ARAM01	I23	COMP	01/15/2020	SM5210 B

Date/Time 1/16/2020 14:50
 Received by: AM
 Relinquished by: So

Date/Time 1/16/2020 15:40
 Received by: JO
 Relinquished by: AM