

**BOD5 LOG****Analysis Date:** 01/22/2020**QC BATCH ID:** LB107300**ANALYST:** Alexander**BOD Water:** 81410**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP81411**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP81412**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	8.9	8.9	8.8
WINKLER 2	WINKLER 2	2	300	8.9	17.6	8.7	8.8

Meter Calibration1 : 8.80Zero DO Reading1 : 0.04 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.80Zero DO Reading2 : 0.04 mg/L (<=0.2 Criteria)



QC BATCH ID: LB107300

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 16:30

TIME OUT: 11:20

DATE IN: 01/22/2020

DATE OUT: 01/27/2020

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
LB107300BL	1	No	6.0	N/A	21.00	300	8.80	8.70	0.1	0.1	0.1	
POLYSEED	1					10	8.75	5.14	3.61	0.72	0.68	
POLYSEED	2					15	8.70	4.26	4.44	0.59		
POLYSEED	3					20	8.66	1.23	7.43	0.74		
GGA	1					6	8.72	3.96	4.76	204	204	
GGA	2					6	8.72	3.73	4.99	215.5	215.5	
GGA	3					6	8.72	3.96	4.76	204	204	
L1220-03	1	No	7.6	N/A	19.80	5	8.79	8.72	-	0		
L1220-03	2					20	8.79	8.66	-	0		
L1220-03	3					50	8.79	8.54	-	0		
L1220-03	4					150	8.79	8.52	-	0		
L1220-03DUP	1	No	7.6	N/A	19.80	5	8.79	8.73	-	0		
L1220-03DUP	2					20	8.78	8.64	-	0		
L1220-03DUP	3					50	8.78	8.54	-	0		
L1220-03DUP	4					150	8.78	8.51	-	0		
L1231-02	1	No	7.2	N/A	17.70	0.5	8.75	5.84	2.91	1338	1226.5	
L1231-02	2					1	8.74	3.70	5.04	1308		
L1231-02	3					2	8.74	1.17	7.57	1033.5		
L1231-02	4					3	8.72	0.10	-	0		

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

LB107300

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD1222020 WorkList ID : 135271 Department : Wet-Chemistry Date : 01-22-2020 16:51:41

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/23/2020	Water	L1220-03	BOD5	Cool 4 deg C	SHAW22	I61	OUTFALL001-200121	01/21/2020	SM5210 B
01/24/2020	Water	L1231-02	BOD5	Cool 4 deg C	ARAM01	I61	COMP	01/22/2020	SM5210 B

Date/Time 1/22/2020 15:55
Received by: AM
Relinquished by: SM

Date/Time 1/22/2020 16:55
Received by: AF
Relinquished by: AM