

**BOD5 LOG****Analysis Date:** 01/30/2020**QC BATCH ID:** LB107482**ANALYST:** Alexander**BOD Water:** WP81650**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP81651**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP81652**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	8.3	8.3	8.4
WINKLER 2	WINKLER 2	2	300	8.3	16.8	8.5	8.4

Meter Calibration1 : 8.40

Zero DO Reading1 : 0.05 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.40

Zero DO Reading2 : 0.04 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB107482

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 15:40

TIME OUT: 11:15

DATE IN: 01/30/2020

DATE OUT: 02/04/2020

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
LB107482BL	1	No	6.0	N/A	21.20	300	8.40	8.36	0.04	0.04	0.04	
POLYSEED	1					10	8.33	5.02	3.31	0.66	0.66	
POLYSEED	2					15	8.29	3.71	4.58	0.61		
POLYSEED	3					20	8.27	1.20	7.07	0.71		
GGA	1					6	8.34	3.95	4.39	186.5	186.5	
GGA	2					6	8.33	3.80	4.53	193.5	193.5	
GGA	3					6	8.33	3.76	4.57	195.5	195.5	
L1317-01	1	No	7.2	N/A	20.40	0.5	8.39	6.29	2.1	864	700.13	
L1317-01	2					1	8.36	5.26	3.1	732		
L1317-01	3					2	8.34	3.29	5.05	658.5		
L1317-01	4					3	8.32	2.20	6.12	546		
L1317-01DUP	1	No	7.2	N/A	20.40	0.5	8.37	6.49	-	0	653.33	
L1317-01DUP	2					1	8.36	5.01	3.35	807		
L1317-01DUP	3					2	8.35	3.71	4.64	597		
L1317-01DUP	4					3	8.33	2.11	6.22	556		

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

LB107482

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD1302020 WorkList ID : 135536 Department : Wet-Chemistry Date : 01-30-2020 10:07:13

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/31/2020	Water	L1317-01	BOD5	Cool 4 deg C	ARAM01	L11	COMP	01/29/2020	SM5210 B

Date/Time 1/30/2020 15:05
Received by: JP
Relinquished by: AM

Date/Time 1/30/2020 15:55
Received by: JP
Relinquished by: AM