

**BOD5 LOG****Analysis Date:** 01/17/2020**QC BATCH ID:** LB107234**ANALYST:** Alexander**BOD Water:** WP81290**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP81291**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP81292**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	9.1	9.1	9
WINKLER 2	WINKLER 2	2	300	9.1	18.0	8.9	9

Meter Calibration1 : 9.0Zero DO Reading1 : 0.05 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 9.0Zero DO Reading2 : 0.05 mg/L (<=0.2 Criteria)



QC BATCH ID: LB107234

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 15:40

TIME OUT: 10:30

DATE IN: 01/17/2020

DATE OUT: 01/22/2020

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
LB107234BL	1	No	6.2	N/A	21.60	300	8.99	8.97	0.02	0.02	0.02	
POLYSEED	1					10	8.88	5.22	3.66	0.73	0.77	
POLYSEED	2					15	8.79	2.57	6.22	0.83		
POLYSEED	3					20	8.72	1.30	7.42	0.74		
GGA	1					6	8.88	4.18	4.7	196.5	196.5	
GGA	2					6	8.90	4.32	4.58	190.5	190.5	
GGA	3					6	8.88	4.29	4.59	191	191	
L1183-01	1	No	6.8	N/A	19.70	0.5	8.93	7.32	-	0	285.5	
L1183-01	2					1	8.92	7.28	-	0		
L1183-01	3					2	8.90	5.38	3.52	412.5		
L1183-01	4					5	8.85	4.05	4.8	241.8		
L1183-01	5					10	8.77	1.26	7.51	202.2		
L1183-01DUP	1	No	6.8	N/A	19.70	0.5	8.90	7.36	-	0	321.45	
L1183-01DUP	2					1	8.88	6.85	2.03	378		
L1183-01DUP	3					2	8.88	5.11	3.77	450		
L1183-01DUP	4					5	8.82	3.89	4.93	249.6		
L1183-01DUP	5					10	8.77	1.06	7.71	208.2		
L1183-05	1	No	5.7	7.2	19.20	0.01	8.89	7.37	-	0	13740	pH Adjusted
L1183-05	2					0.05	8.88	6.23	2.65	11280		
L1183-05	3					0.1	8.88	2.71	6.17	16200		
L1183-05	4					0.5	8.88	0.22	-	0		
L1183-05	5					1	8.88	0.08	-	0		

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

LB107234

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD1172020

WorkList ID : 135147

Department : Wet-Chemistry

Date : 01-17-2020 15:39:07

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/18/2020	Water	L1183-01	BOD5	Cool 4 deg C	HOLL01	I41	EFFLUENT	01/16/2020	SM5210 B
01/18/2020	Water	L1183-05	BOD5	Cool 4 deg C	HOLL01	I41	INFLUENT	01/16/2020	SM5210 B

Date/Time 1/17/2020 14:55
Received by: AM
Relinquished by: AM

Date/Time 1/17/2020 16:05
Received by: AM
Relinquished by: AM