

**BOD5 LOG****Analysis Date:** 10/07/2020**QC BATCH ID:** LB111359**ANALYST:** Alexander**BOD Water:** WP87308**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2742**POLYSEED:** WP87309**Sodium Thiosulfate, 0.025N:** WP86633**GGA:** WP87310**NaOH, 0.25N:** WP86593**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2716**Zero DO:** WP85368

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	8.6
WINKLER 2	WINKLER 2	2	300	8.7	17.2	8.5	8.6

Meter Calibration1 : 8.60

Zero DO Reading1 : 0.02 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.60

Zero DO Reading2 : 0.03 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB111359

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 15:10

TIME OUT: 13:10

DATE IN: 10/07/2020

DATE OUT: 10/12/2020

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
LB111359BL	1	No	6.0	N/A	21.20	300	8.60	8.53	0.07	0.07	0.07	
POLYSEED	1					10	8.56	5.14	3.42	0.68	0.71	
POLYSEED	2					15	8.54	3.29	5.25	0.7		
POLYSEED	3					20	8.53	1.17	7.36	0.74		
GGA	1					6	8.58	4.04	4.54	191.5	191.5	
GGA	2					6	8.59	3.92	4.67	198	198	
GGA	3					6	8.58	3.87	4.71	200	200	
L4302-02	1	No	7.6	N/A	21.70	0.5	8.58	7.06	-	0	660.75	
L4302-02	2					1	8.56	5.77	2.79	624		
L4302-02	3					2	8.55	3.19	5.36	697.5		
L4302-02	4					3	8.54	0.57	-	0		
L4302-02DUP	1	No	7.6	N/A	21.70	0.5	8.57	6.99	-	0	665.25	
L4302-02DUP	2					1	8.55	5.72	2.83	636		
L4302-02DUP	3					2	8.54	3.20	5.34	694.5		
L4302-02DUP	4					3	8.52	0.58	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB11359

WorkList Name : bod510720 WorkList ID : 143050 Department : Wet-Chemistry Date : 10-07-2020 13:54:05

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/09/2020	Water	L4302-02 B	BOD5	Cool 4 deg C	ARAM01	O11	COMP	10/07/2020	SM5210 B

Date/Time 10/07/2020 14:05
 Received by: KS (wetchem)
 Relinquished by: KS (wetchem)

Date/Time 10/07/2020 15:20
 Received by: KS (wetchem)
 Relinquished by: KS (wetchem)