

**BOD5 LOG****Analysis Date:** 09/04/2020**QC BATCH ID:** LB110847**ANALYST:** Alexander**BOD Water:** WP86634**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP86636**Sodium Thiosulfate, 0.025N:** WP86633**GGA:** WP86635**NaOH, 0.25N:** WP85693**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2716**Zero DO:** WP85367

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.6
WINKLER 2	WINKLER 2	2	300	8.8	17.2	8.4	8.6

Meter Calibration1 : 8.60Zero DO Reading1 : 0.04 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.60Zero DO Reading2 : 0.04 mg/L (<=0.2 Criteria)



QC BATCH ID: LB110847

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 16:40

TIME OUT: 12:05

DATE IN: 09/04/2020

DATE OUT: 09/09/2020

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
LB110847BL	1	No	6.0	N/A	22.40	300	8.60	8.55	0.05	0.05	0.05	
POLYSEED	1					10	8.60	4.98	3.62	0.72	0.69	
POLYSEED	2					15	8.57	3.76	4.81	0.64		
POLYSEED	3					20	8.56	1.58	6.98	0.7		
GGA	1					6	8.58	3.92	4.66	198.5	198.5	
GGA	2					6	8.58	3.86	4.72	201.5	201.5	
GGA	3					6	8.58	3.81	4.77	204	204	
L3909-01	1	No	6.4	N/A	21.80	0.1	8.60	7.02	-	0	57.6	
L3909-01	2					0.5	8.59	6.90	-	0		
L3909-01	3					1	8.58	6.81	-	0		
L3909-01	4					5	8.56	6.48	2.08	83.4		
L3909-01	5					20	8.53	5.72	2.81	31.8		
L3909-01DUP	1	No	6.4	N/A	21.80	0.1	8.60	7.00	-	0	58.13	
L3909-01DUP	2					0.5	8.58	6.93	-	0		
L3909-01DUP	3					1	8.58	6.76	-	0		
L3909-01DUP	4					5	8.56	6.47	2.09	84		
L3909-01DUP	5					20	8.54	5.70	2.84	32.25		

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

LB110847

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-90420

WorkList ID : 142067

Department : Wet-Chemistry

Date : 09-04-2020 08:49:20

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/05/2020	Water	L3909-01	BOD5	Cool 4 deg C	PHAR02	M31	32220008-3	09/03/2020	SM5210 B

Date/Time

Received by:

Relinquished by:

9/04/2020 15:40

AM (wet-chem)

JH (wet-chem)

Date/Time

Received by:

Relinquished by:

9/04/2020 16:45

JH (wet-chem)

AM (wet-chem)