

**BOD5 LOG****Analysis Date:** 09/03/2020**QC BATCH ID:** LB110817**ANALYST:** Alexander**BOD Water:** WP86620**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP86621**Sodium Thiosulfate, 0.025N:** WP86633**GGA:** WP86622**NaOH, 0.25N:** WP86593**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	8.9	8.9	8.6
WINKLER 2	WINKLER 2	2	300	8.9	17.2	8.3	8.6

Meter Calibration1 : 8.70Zero DO Reading1 : 0.04 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.70Zero DO Reading2 : 0.02 mg/L (<=0.2 Criteria)



QC BATCH ID: LB110817

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:20

TIME OUT: 10:00

DATE IN: 09/03/2020

DATE OUT: 09/08/2020

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
LB110817BL	1	No	6.0	N/A	22.80	300	8.70	8.70	0	0	0	
POLYSEED	1					10	8.62	5.35	3.27	0.65	0.68	
POLYSEED	2					15	8.60	3.14	5.46	0.73		
POLYSEED	3					20	8.51	1.87	6.64	0.66		
GGA	1					6	8.58	4.05	4.53	192.5	192.5	
GGA	2					6	8.58	4.02	4.56	194	194	
GGA	3					6	8.57	4.00	4.57	194.5	194.5	
L3890-02	1	No	7.2	N/A	22.60	5	8.62	7.53	-	0		
L3890-02	2					20	8.64	7.47	-	0		
L3890-02	3					50	8.62	7.34	-	0		
L3890-02	4					150	8.58	7.21	-	0		
L3890-02DUP	1	No	7.2	N/A	22.60	5	8.64	7.55	-	0		
L3890-02DUP	2					20	8.63	7.36	-	0		
L3890-02DUP	3					50	8.62	7.24	-	0		
L3890-02DUP	4					150	8.62	7.24	-	0		
L3893-02	1	No	6.4	N/A	22.20	0.5	8.62	6.42	2.2	912	981.5	
L3893-02	2					1	8.61	4.19	4.42	1122		
L3893-02	3					2	8.59	1.84	6.75	910.5		
L3893-02	4					3	8.57	0.16	-	0		

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

JO LB110717 TO
WORKLIST(Hardcopy Internal Chain)

LB110817

WorkList Name : BOD5-90320 WorkList ID : 142022 Department : Wet-Chemistry Date : 09-03-2020 09:00:59

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/03/2020	Water	L3890-02	BOD5	Cool 4 deg C	SHAW22	M31	OUTFALL001-200901	09/01/2020	SM5210 B
09/04/2020	Water	L3893-02	BOD5	Cool 4 deg C	ARAM01	M12	COMP	09/02/2020	SM5210 B

Date/Time 9/03/2020 11:10
Received by: AMCwet-chem
Relinquished by: SA Cserk-chem

Date/Time 9/03/2020 12:30
Received by: SA Cserk-chem
Relinquished by: AMCwet-chem