

**BOD5 LOG****Analysis Date:** 12/15/2019**QC BATCH ID:** LB106761**ANALYST:** Alexander**BOD Water:** WP80529**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2602**Alkaline Iodide Azide:** W2472**POLYSEED:** WP80531**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP80530**NaOH, 0.25N:** WP77359**Chlorine Strips:** W2430**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP80479

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.80	8.8	8.7
WINKLER 2	WINKLER 2	2	300	8.80	17.4	8.6	8.7

Meter Calibration1 : 8.70

Zero DO Reading1 : 0.06 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.70

Zero DO Reading2 : 0.10 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB106761

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 07:18

TIME OUT: 09:40

DATE IN: 12/15/2019

DATE OUT: 12/20/2019

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
LB106761BL	1	No	6.0	N/A	20.20	300	8.69	8.67	0.02	0.02	0.02	
POLYSEED	1					10	8.66	4.05	4.61	0.92	0.88	
POLYSEED	2					15	8.63	1.38	7.25	0.97		
POLYSEED	3					20	8.61	1.02	7.59	0.76		
GGA	1					6	8.59	4.29	4.3	171	171	
GGA	2					6	8.61	3.50	5.11	211.5	211.5	
GGA	3					6	8.61	3.34	5.27	219.5	219.5	
K6312-08	1	No	7.6	N/A	17.90	0.5	8.66	6.46	2.2	792	852	
K6312-08	2					1	8.68	4.76	3.92	912		
K6312-08	3					5	8.65	0.07	-	0		
K6312-08	4					20	8.40	0.06	-	0		
K6312-08DUP	1	No	7.6	N/A	18.10	0.5	8.69	6.07	2.62	1044	1002	
K6312-08DUP	2					1	8.69	4.61	4.08	960		
K6312-08DUP	3					5	8.66	0.08	-	0		
K6312-08DUP	4					20	8.38	0.06	-	0		

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

LB106761

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD12519 WorkList ID : 134206 Department : Wet-Chemistry Date : 12-15-2019 06:03:42

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/15/2019	Water	K6312-08	BOD5	Cool 4 deg C	ARDM01	B51	EFF-WW	12/13/2019	SM5210 B

Date/Time 12/15/19 6:40
Received by: AK
Relinquished by: A/A

Date/Time 12/15/19 7:30
Received by: A/A
Relinquished by: A/A