

**BOD5 LOG****Analysis Date:** 11/05/2020**QC BATCH ID:** LB111851**ANALYST:** Alexander**BOD Water:** WP88029**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2742**POLYSEED:** WP88031**Sodium Thiosulfate, 0.025N:** WP87313**GGA:** WP88030**NaOH, 0.25N:** WP86593**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2716**Zero DO:** WP87426

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.7	9.7	9.6
WINKLER 2	WINKLER 2	2	300	9.7	19.2	9.5	9.6

Meter Calibration1 : 9.60

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

Meter Calibration2 : 9.60

Zero DO Reading2 : 0.02 mg/L (≤ 0.2 Criteria)

QC BATCH ID: LB111851

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 12:00

TIME OUT: 11:15

DATE IN: 11/05/2020

DATE OUT: 11/10/2020

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
LB111851BL	1	No	6.0	N/A	21.20	300	9.60	9.50	0.1	0.1	0.1	
POLYSEED	1					10	9.58	5.01	4.57	0.91	0.83	
POLYSEED	2					15	9.54	3.63	5.91	0.79		
POLYSEED	3					20	9.54	1.56	7.98	0.8		
GGA	1					6	9.50	4.45	5.05	211	211	
GGA	2					6	9.51	4.65	4.86	201.5	201.5	
GGA	3					6	9.52	4.38	5.14	215.5	215.5	
L4612-01	1	No	7.0	N/A	14.70	1	9.58	7.52	2.06	369	231.45	
L4612-01	2					5	9.57	5.11	4.46	217.8		
L4612-01	3					20	9.56	1.56	8	107.55		
L4612-01	4					50	9.55	0.65	-	0		
L4612-01	5					150	9.42	0.24	-	0		
L4612-01DUP	1	No	7.0	N/A	14.70	1	9.59	7.48	2.11	384	238.5	
L4612-01DUP	2					5	9.57	5.02	4.55	223.2		
L4612-01DUP	3					20	9.55	1.50	8.05	108.3		
L4612-01DUP	4					50	9.54	0.77	-	0		
L4612-01DUP	5					150	9.43	0.20	-	0		
L4632-02	1	No	7.0	N/A	16.50	0.5	9.55	7.09	2.46	978	1072.5	
L4632-02	2					1	9.54	4.65	4.89	1218		
L4632-02	3					2	9.54	1.90	7.64	1021.5		
L4632-02	4					3	9.53	0.62	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 111837

WorkList Name : bod 14612 WorkList ID : 143923 Department : Wet-Chemistry Date : 11-05-2020 10:49:44

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/05/2020	Water	L4612-01	BOD5	Cool 4 deg C	PSEG03	E31	265316	11/03/2020	SM5210 B
11/06/2020	Water	L4632-02	BOD5	Cool 4 deg C	ARAM01	E61	COMP	11/04/2020	SM5210 B

Date/Time 11/05/2020 11:00
 Received by: KS (Wetchem)
 Relinquished by: AM (Wet-Chem)

Date/Time 11/05/2020 12:10
 Received by: AM (Wet-Chem)
 Relinquished by: KS (Wetchem)