

**BOD5 LOG****Analysis Date:** 09/10/2020**QC BATCH ID:** LB110893**ANALYST:** Alexander**BOD Water:** WP86711**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP86712**Sodium Thiosulfate, 0.025N:** WP86633**GGA:** WP86710**NaOH, 0.25N:** WP85693**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2716**Zero DO:** WP86621

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.40	8.4	8.3
WINKLER 2	WINKLER 2	2	300	8.40	16.60	8.2	8.3

Meter Calibration1 : 8.30

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

Meter Calibration2 : 8.30

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



QC BATCH ID: LB110893

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 10:50

TIME OUT: 14:20

DATE IN: 09/10/2020

DATE OUT: 09/15/2020

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
LB110893BL	1	No	6.0	N/A	21.20	300	8.30	8.28	0.02	0.02	0.02	
POLYSEED	1					10	8.25	4.97	3.28	0.66	0.66	
POLYSEED	2					15	8.21	3.25	4.96	0.66		
POLYSEED	3					20	8.19	1.52	6.67	0.67		
GGA	1					6	8.23	4.12	4.11	172.5	172.5	
GGA	2					6	8.20	4.10	4.1	172	172	
GGA	3					6	8.22	3.90	4.32	183	183	
L3941-03	1	No	7.2	N/A	17.20	1	8.29	6.85	-	0	149.4	
L3941-03	2					5	8.27	5.12	3.15	149.4		
L3941-03	3					20	8.13	0.14	-	0		
L3941-03	4					50	7.49	0.06	-	0		
L3941-03DUP	1	No	7.2	N/A	17.20	1	8.28	6.89	-	0	143.4	
L3941-03DUP	2					5	8.25	5.20	3.05	143.4		
L3941-03DUP	3					20	8.11	0.18	-	0		
L3941-03DUP	4					50	7.47	0.07	-	0		
L3942-01	1	No	7.6	N/A	18.20	1	8.27	6.48	-	0	43.8	
L3942-01	2					5	8.25	6.49	-	0		
L3942-01	3					20	8.05	3.43	4.62	59.4		
L3942-01	4					50	7.40	2.04	5.36	28.2		
L3946-02	1	No	6.8	N/A	17.20	0.5	8.26	6.39	-	0	368	
L3946-02	2					1	8.25	6.01	2.24	474		
L3946-02	3					2	8.23	5.23	3	351		
L3946-02	4					3	8.22	4.77	3.45	279		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-91020 WorkList ID : 142193 Department : Wet-Chemistry Date : 09-10-2020 08:53:46

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/11/2020	Water	L3941-03	BOD5	Cool 4 deg C	PSEG01	M41	RBR-200031	09/09/2020	SM5210 B
09/11/2020	Water	L3942-01	BOD5	Cool 4 deg C	PSEG01	M41	N35868	09/09/2020	SM5210 B
09/11/2020	Water	L3946-02	BOD5	Cool 4 deg C	ARAM01	P11	COMP	09/09/2020	SM5210 B

Date/Time 9/10/2020 10:05
 Received by: KS (watchman)
 Relinquished by: JP (watchman)

Date/Time 9/10/2020 10:55
 Received by: JP (watchman)
 Relinquished by: KS (watchman)