

**BOD5 LOG****Analysis Date:** 09/10/2020**QC BATCH ID:** LB110908**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: LB110908

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:40

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
LB110908BL	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	
L3953-01	1	No	6.8	N/A	18.20	5	8.27	6.92	-	0	28.66	
L3953-01	2					20	8.21	6.12	2.09	21.45		
L3953-01	3					50	8.19	1.55	6.64	35.88		
L3953-01	4					150	7.94	0.08	-	0		
L3953-01DUP	1	No	6.8	N/A	18.20	5	8.26	6.89	-	0	28.13	
L3953-01DUP	2					20	8.20	6.15	2.05	20.85		
L3953-01DUP	3					50	8.18	1.62	6.56	35.4		
L3953-01DUP	4					150	7.92	0.09	-	0		
L3958-01	1	No	6.4	N/A	17.20	0.5	8.26	6.68	-	0	333.6	
L3958-01	2					1	8.24	6.65	-	0		
L3958-01	3					5	8.18	1.96	6.22	333.6		
L3958-01	4					20	7.92	0.65	-	0		
L3958-01	5					50	7.34	0.06	-	0		
L3965-01	1	No	6.4	N/A	18.20	0.1	8.23	7.44	-	0	1215	
L3965-01	2					0.5	8.22	7.39	-	0		
L3965-01	3					1	8.21	3.50	4.71	1215		
L3965-01	4					5	8.20	0.19	-	0		
L3965-01	5					20	8.18	0.09	-	0		
L3969-01	1	No	5.71	7.2	17.20	0.05	8.22	7.07	-	0	810	pH Adjusted
L3969-01	2					0.1	8.21	7.03	-	0		
L3969-01	3					0.5	8.20	6.19	2.01	810		
L3969-01	4					2	8.19	0.13	-	0		
L3969-01	5					10	8.08	0.03	-	0		
L3977-01	1	No	6.8	N/A	18.20	0.5	8.27	2.77	5.5	2904	2904	
L3977-01	2					1	8.21	0.17	-	0		
L3977-01	3					5	8.15	0.08	-	0		
L3977-01	4					20	8.10	0.04	-	0		

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

LB110908

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD91020 WorkList ID : 142212 Department : Wet-Chemistry Date : 09-10-2020 15:17:15

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/12/2020	Water	L3953-01	BOD5	Cool 4 deg C	PSEG01	L12	N2930S	09/10/2020	SM5210 B
09/12/2020	Water	L3958-01	BOD5	Cool 4 deg C	PHAR02	L11	15220012-1	09/10/2020	SM5210 B
09/12/2020	Water	L3965-01	BOD5	Cool 4 deg C	PHAR02	P12	32220008-3	09/10/2020	SM5210 B
09/12/2020	Water	L3969-01	BOD5	Cool 4 deg C	MAJO01	P12	DRAIN-WATER-TANK-1	09/10/2020	SM5210 B
09/12/2020	Water	L3977-01	BOD5	Cool 4 deg C	ARDM01	P12	EFF-VWW	09/10/2020	SM5210 B

Date/Time 09/10/2020 17:15
 Received by: KS (Wetchem)
 Relinquished by: JP (Wetchem)

Date/Time 09/10/2020 17:45
 Received by: JP (Wetchem)
 Relinquished by: KS (Wetchem)