

**BOD5 LOG****Analysis Date:** 03/20/2020**QC BATCH ID:** LB108383**ANALYST:** Alexander**BOD Water:** WP83030**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP83031**Sodium Thiosulfate, 0.025N:** WP81413**GGA:** WP83032**NaOH, 0.25N:** WP80974**Chlorine Strips:** W2543**IncubatorID:** Incubator-3**pH Strips:** W2644**Zero DO:** WP81261

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.3	9.3	9.2
WINKLER 2	WINKLER 2	2	300	9.3	18.4	9.1	9.2

Meter Calibration1 : 9.20

Zero DO Reading1 : 0.04 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 9.20

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



QC BATCH ID: LB108383

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:30

TIME OUT: 10:30

DATE IN: 03/20/2020

DATE OUT: 03/25/2020

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
LB108383BL	1	No	6.0	N/A	21.80	300	9.19	9.19	0	0	0	
POLYSEED	1					10	9.19	5.11	4.08	0.82	0.75	
POLYSEED	2					15	9.19	3.53	5.66	0.75		
POLYSEED	3					20	9.18	2.27	6.91	0.69		
GGA	1					6	9.18	4.29	4.89	207	207	
GGA	2					6	9.18	4.47	4.71	198	198	
GGA	3					6	9.18	4.06	5.12	218.5	218.5	
L1998-01	1	No	7.36	N/A	17.50	0.5	9.19	7.47	-	0	502.2	
L1998-01	2					1	9.19	7.19	-	0		
L1998-01	3					2	9.19	4.70	4.49	561		
L1998-01	4					5	9.19	1.05	8.14	443.4		
L1998-01	5					10	9.19	0.09	-	0		
L1998-01DUP	1	No	7.36	N/A	17.50	0.5	9.19	7.50	-	0	498.3	
L1998-01DUP	2					1	9.19	7.22	-	0		
L1998-01DUP	3					2	9.18	4.73	4.45	555		
L1998-01DUP	4					5	9.18	1.07	8.11	441.6		
L1998-01DUP	5					10	9.18	0.08	-	0		
L1998-05	1	No	5.62	7.2	18.00	0.01	9.19	7.21	-	0	8475	pH Adjusted
L1998-05	2					0.05	9.17	7.07	2.1	8100		
L1998-05	3					0.1	9.17	5.47	3.7	8850		
L1998-05	4					0.5	9.17	0.07	-	0		
L1998-05	5					1	9.16	0.05	-	0		

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

JD

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WORKLIST(Hardcopy Internal Chain)

LB108383

WorkList Name : BOD5-3202020 WorkList ID : 137230 Department : Wet-Chemistry Date : 03-20-2020 09:26:32

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/21/2020	Water	L1998-01	BOD5	Cool 4 deg C	HOLL01	F11	EFFLUENT	03/19/2020	SM5210 B
03/21/2020	Water	L1998-05	BOD5	Cool 4 deg C	HOLL01	F11	INFLUENT	03/19/2020	SM5210 B

Date/Time 3/20/2020 15:40
Received by: AN
Relinquished by: JD

Date/Time 3/20/2020 16:40
Received by: JD
Relinquished by: AM