

**BOD5 LOG****Analysis Date:** 04/10/2020**QC BATCH ID:** LB108668**ANALYST:** Alexander**BOD Water:** WP83391**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP83392**Sodium Thiosulfate, 0.025N:** WP82690**GGA:** WP83393**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	9.2	9.2	9
WINKLER 2	WINKLER 2	2	300	9.2	18.0	8.8	9

Meter Calibration1 : 9.00

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

Meter Calibration2 : 9.00

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



QC BATCH ID: LB108668

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 14:50

TIME OUT: 11:00

DATE IN: 04/10/2020

DATE OUT: 04/15/2020

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
LB108668BL	1	No	6.0	N/A	22.50	300	9.00	9.00	0	0	0	
POLYSEED	1					10	8.95	5.23	3.72	0.74	0.73	
POLYSEED	2					15	8.94	3.33	5.61	0.75		
POLYSEED	3					20	8.90	1.79	7.11	0.71		
GGA	1					6	8.98	4.45	4.53	190	190	
GGA	2					6	8.98	4.10	4.88	207.5	207.5	
GGA	3					6	8.98	4.21	4.77	202	202	
L2214-01	1	No	2.90	7.2	18.20	0.5	8.98	1.59	7.39	3996	3996	pH Adjusted
L2214-01	2					1	8.98	0.14	-	0		
L2214-01	3					2	8.98	0.12	-	0		
L2214-01	4					5	8.98	0.11	-	0		
L2214-01	5					20	8.98	0.10	-	0		
L2219-01	1	No	6.8	N/A	18.20	0.5	8.98	7.93	-	0	387	
L2219-01	2					1	8.98	6.96	2.02	387		
L2219-01	3					5	8.97	0.93	-	0		
L2219-01	4					20	8.83	0.10	-	0		
L2219-01	5					50	8.45	0.09	-	0		
L2219-01DUP	1	No	6.8	N/A	18.20	0.5	8.99	8.38	-	0	418.8	
L2219-01DUP	2					1	8.98	8.02	-	0		
L2219-01DUP	3					5	8.97	1.26	7.71	418.8		
L2219-01DUP	4					20	8.89	0.11	-	0		
L2219-01DUP	5					50	8.48	0.09	-	0		
L2240-01	1	No	7.17	N/A	17.50	0.5	8.98	7.59	-	0	441.75	
L2240-01	2					1	8.95	6.59	2.36	489		
L2240-01	3					2	8.92	5.56	3.36	394.5		
L2240-01	4					5	8.82	0.68	-	0		
L2240-01	5					10	8.60	0.09	-	0		
L2240-05	1	No	4.59	7.2	17.60	0.01	8.96	7.51	-	0	7680	pH Adjusted
L2240-05	2					0.05	8.96	6.95	2.01	7680		
L2240-05	3					0.1	8.96	0.12	-	0		
L2240-05	4					0.5	8.96	0.09	-	0		
L2240-05	5					1	8.92	0.08	-	0		

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

LB108668

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-4102020 WorkList ID : 137770 Department : Wet-Chemistry Date : 04-10-2020 09:28:38

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/11/2020	Water	L2214-01	BOD5	Cool 4 deg C	PHAR02	G51	32220008-3	04/09/2020	SM5210 B
04/11/2020	Water	L2219-01	BOD5	Cool 4 deg C	PHAR02	G31	15220012-1	04/09/2020	SM5210 B
04/11/2020	Water	L2240-01 C	BOD5	Cool 4 deg C	HOLL01	G61	EFFLUENT	04/09/2020	SM5210 B
04/11/2020	Water	L2240-05 B	BOD5	Cool 4 deg C	HOLL01	G61	INFLUENT	04/09/2020	SM5210 B

Date/Time 4/10/2020 13:50
Received by: AR
Relinquished by: JaDate/Time 4/16/2020 14:55
Received by: Ja
Relinquished by: Am