

**BOD5 LOG**

Analysis Date: 04/22/2020

QC BATCH ID: LB108824

ANALYST: Alexander

BOD Water: WP83641

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP83642

Sodium Thiosulfate, 0.025N: WP83473

GGA: WP83643

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	9.1	9.1	9.05
WINKLER 2	WINKLER 2	2	300	9.1	18.1	9	9.05

Meter Calibration1 : 9.05

Zero DO Reading1 : 0.05 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 9.05

Zero DO Reading2 : 0.05 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB108824

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 09:30

TIME OUT: 12:50

DATE IN: 04/22/2020

DATE OUT: 04/27/2020

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
LB108824BL	1	No	6.0	N/A	21.40	300	9.04	9.04	0	0	0	
POLYSEED	1					10	9.00	5.04	3.96	0.79	0.77	
POLYSEED	2					15	8.98	3.28	5.7	0.76		
POLYSEED	3					20	8.92	1.20	7.72	0.77		
GGA	1					6	8.98	4.20	4.78	200.5	200.5	
GGA	2					6	8.97	4.19	4.78	200.5	200.5	
GGA	3					6	8.97	4.12	4.85	204	204	
L2363-02	1	No	7.2	N/A	21.20	5	9.03	7.90	-	0		
L2363-02	2					20	9.03	7.87	-	0		
L2363-02	3					50	9.03	7.82	-	0		
L2363-02	4					150	9.03	7.64	-	0		
L2363-02DUP	1	No	7.2	N/A	21.20	5	9.04	7.98	-	0		
L2363-02DUP	2					20	9.03	7.89	-	0		
L2363-02DUP	3					50	9.03	7.77	-	0		
L2363-02DUP	4					150	9.03	7.72	-	0		
L2363-03	1	No	7.2	N/A	21.20	5	9.04	9.02	-	0		
L2363-03	2					20	9.04	9.02	-	0		
L2363-03	3					50	9.03	9.01	-	0		
L2363-03	4					150	9.03	9.01	-	0		
L2363-04	1	No	7.2	N/A	21.30	5	9.04	9.03	-	0		
L2363-04	2					20	9.04	8.72	-	0		
L2363-04	3					50	9.04	8.67	-	0		
L2363-04	4					150	9.04	8.03	-	0		

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

LB108824

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod 12363 WorkList ID : 138106 Department : Wet-Chemistry Date : 04-22-2020 07:56:52

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/22/2020	Water	L2363-02	BOD5	Cool 4 deg C	SHAW22	I63	KY038PS027-200420	04/20/2020	SM5210 B
04/22/2020	Water	L2363-03	BOD5	Cool 4 deg C	SHAW22	I63	KY038PS037-200420	04/20/2020	SM5210 B
04/22/2020	Water	L2363-04	BOD5	Cool 4 deg C	SHAW22	I63	KY038PS038-200420	04/20/2020	SM5210 B

Date/Time 4/22/2020 8:50
Received by: AM
Relinquished by: JODate/Time 4/22/2020 9:35
Received by: JO
Relinquished by: AM