

**BOD5 LOG****Analysis Date:** 04/22/2020**QC BATCH ID:** LB108836**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 : 9.05Zero DO Reading1 : 0.05 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 9.05Zero DO Reading2 : 0.05 mg/L (<=0.2 Criteria)



QC BATCH ID: LB108836

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 14:35

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
LB108836BL	1	No	6.0	N/A	21.50	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	
L2385-02	1	No	7.0	N/A	20.50	5	9.03	8.99	-	0		
L2385-02	2					20	9.03	8.92	-	0		
L2385-02	3					50	9.03	8.90	-	0		
L2385-02	4					150	9.03	8.84	-	0		
L2385-02DUP	1	No	7.0	N/A	20.50	5	9.03	9.01	-	0		
L2385-02DUP	2					20	9.03	8.97	-	0		
L2385-02DUP	3					50	9.03	8.93	-	0		
L2385-02DUP	4					150	9.03	8.85	-	0		
L2389-01	1	No	7.2	N/A	20.70	0.5	9.03	6.88	2.15	828	748.5	
L2389-01	2					1	9.03	6.14	2.89	636		
L2389-01	3					2	9.00	3.02	5.98	781.5		
L2389-01	4					3	8.97	0.22	-	0		

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

LB108836

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD42220-2 WorkList ID : 138125 Department : Wet-Chemistry Date : 04-22-2020 12:07:30

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/23/2020	Water	L2385-02	BOD5	Cool 4 deg C	SHAW22	J11	OUTFALL001-200421	04/21/2020	SM5210 B
04/24/2020	Water	L2389-01	BOD5	Cool 4 deg C	ARAM01	J11	COMP	04/22/2020	SM5210 B

Date/Time 4/22/2020 13:40
Received by: Am
Relinquished by: JD

Date/Time 4/22/2020 14:40
Received by: JP
Relinquished by: Am