

**BOD5 LOG****Analysis Date:** 05/01/2020**QC BATCH ID:** LB108982**ANALYST:** Alexander**BOD Water:** WP83934**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP83935**Sodium Thiosulfate, 0.025N:** WP83473**GGA:** WP83936**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	8.5	8.5	8.6
WINKLER 2	WINKLER 2	2	300	8.5	17.2	8.7	8.6

Meter Calibration1 : 8.60Zero DO Reading1 : 0.06 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.60Zero DO Reading2 : 0.05 mg/L (<=0.2 Criteria)



QC BATCH ID: LB108982

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 13:05

TIME OUT: 10:55

DATE IN: 05/01/2020

DATE OUT: 05/06/2020

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
LB108982BL	1	No	6.0	N/A	21.40	300	8.59	8.58	0.01	0.01	0.01	
POLYSEED	1					10	8.54	5.51	3.03	0.61	0.63	
POLYSEED	2					15	8.47	3.91	4.56	0.61		
POLYSEED	3					20	8.46	1.82	6.64	0.66		
GGA	1					6	8.49	4.01	4.48	192.5	192.5	
GGA	2					6	8.49	3.90	4.59	198	198	
GGA	3					6	8.48	3.89	4.59	198	198	
L2472-01	1	No	7.6	N/A	21.40	0.5	8.57	6.75	-	0	289.5	
L2472-01	2					1	8.50	6.68	-	0		
L2472-01	3					2	8.50	5.79	2.71	312		
L2472-01	4					5	8.48	3.40	5.08	267		
L2472-01	5					10	8.47	0.37	-	0		
L2472-01DUP	1	No	7.6	N/A	21.40	0.5	8.51	6.70	-	0	289.35	
L2472-01DUP	2					1	8.51	6.65	-	0		
L2472-01DUP	3					2	8.49	5.81	2.68	307.5		
L2472-01DUP	4					5	8.48	3.33	5.15	271.2		
L2472-01DUP	5					10	8.46	0.42	-	0		
L2472-05	1	No	5.2	7.2	19.40	0.01	8.54	6.72	-	0	12420	pH Adjusted
L2472-05	2					0.05	8.54	5.84	2.7	12420		
L2472-05	3					0.1	8.51	0.35	-	0		
L2472-05	4					0.5	8.51	0.21	-	0		
L2472-05	5					1	8.51	0.09	-	0		

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

LB108982

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-50120-2

WorkList ID : 138391

Department : Wet-Chemistry

Date : 05-01-2020 11:33:06

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/02/2020	Water	L2472-01	BOD5	Cool 4 deg C	HOLL01	L23	EFFLUENT	04/30/2020	SM5210 B
05/02/2020	Water	L2472-05	BOD5	Cool 4 deg C	HOLL01	L23	INFLUENT	04/30/2020	SM5210 B

Date/Time 5/01/2020 12:20
Received by: AM
Relinquished by: AM

Date/Time 5/01/2020 13:10
Received by: AM
Relinquished by: AM