

**BOD5 LOG**Analysis Date: 02/21/2020QC BATCH ID: LB107915ANALYST: jigneshBOD Water: WP82362SUPERVISOR: apatelStarch: W2379MANGANOUS SULFATE SOLUTION: W2520Conc Sulfuric Acid: W2609Alkaline Iodide Azide: W2472POLYSEED: WP82363Sodium Thiosulfate, 0.025N: WP81413GGA: WP82364NaOH, 0.25N: WP80974Chlorine Strips: W2543IncubatorID: INCUBATOR #3pH Strips: W2644Zero 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	8.3	8.3	8.5
WINKLER 2	WINKLER 2	2	300	8.3	17.0	8.7	8.5

Meter Calibration1 : 8.50Zero DO Reading1 : 0.05 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.50Zero DO Reading2 : 0.03 mg/L (<=0.2 Criteria)



QC BATCH ID: LB107915

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:20

TIME OUT: 11:00

DATE IN: 02/21/2020

DATE OUT: 02/26/2020

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
LB107915BL	1	No	6.2	N/A	21.80	300	8.49	8.49	0	0	0	
POLYSEED	1					10	8.34	6.81	-	0	0.46	
POLYSEED	2					15	8.26	5.48	2.78	0.37		
POLYSEED	3					20	8.15	2.79	5.36	0.54		
GGA	1					6	8.37	4.13	4.24	189	189	
GGA	2					6	8.36	3.94	4.42	198	198	
GGA	3					6	8.36	4.49	3.87	170.5	170.5	
L1647-01	1	No	6.2	6.2	18.50	0.5	8.43	7.50	-	0	349.05	pH Adjusted
L1647-01	2					1	8.39	6.90	-	0		
L1647-01	3					2	8.39	5.66	2.73	340.5		
L1647-01	4					5	8.35	1.93	6.42	357.6		
L1647-01	5					10	8.24	0.13	-	0		
L1647-01DUP	1	No	6.2	N/A	18.50	0.5	8.40	7.39	-	0	311.85	
L1647-01DUP	2					1	8.37	6.94	-	0		
L1647-01DUP	3					2	8.37	4.64	3.73	490.5		
L1647-01DUP	4					5	8.37	5.69	2.68	133.2		
L1647-01DUP	5					10	8.21	0.11	-	0		
L1647-05	1	No	5.2	7.2	17.20	0.01	8.38	7.99	-	0	8100	pH Adjusted
L1647-05	2					0.05	8.36	6.48	-	0		
L1647-05	3					0.1	8.36	5.20	3.16	8100		
L1647-05	4					0.5	8.36	0.11	-	0		
L1647-05	5					1	8.36	0.07	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-2212020 WorkList ID : 136378 Department : Wet-Chemistry Date : 02-21-2020 12:11:07

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/22/2020	Water	L1647-01C	BOD5	Cool 4 deg C	HOLL01	M61	EFFLUENT	02/20/2020	SM5210 B
02/22/2020	Water	L1647-05 B	BOD5	Cool 4 deg C	HOLL01	M61	INFLUENT	02/20/2020	SM5210 B

Date/Time 2/21/2020 15:30
 Received by: AM
 Relinquished by: JS

Date/Time 2/21/2020 16:25
 Received by: JS
 Relinquished by: AM