

**BOD5 LOG****Analysis Date:** 10/16/2020**QC BATCH ID:** LB111571**ANALYST:** jignesh**BOD Water:** WP87629**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2742**POLYSEED:** WP87631**Sodium Thiosulfate, 0.025N:** WP87313**GGA:** WP87630**NaOH, 0.25N:** WP86593**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2716**Zero DO:** WP87426

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.80	8.8	8.75
WINKLER 2	WINKLER 2	2	300	8.80	17.50	8.7	8.75

Meter Calibration1 : 8.75

Zero DO Reading1 : 0.02 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.75

Zero DO Reading2 : 0.03 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB111571

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:55

TIME OUT: 11:25

DATE IN: 10/16/2020

DATE OUT: 10/21/2020

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
LB111571BL	1	No	6.0	N/A	21.20	300	8.75	8.75	0	0	0	
POLYSEED	1					10	8.30	5.47	2.83	0.57	0.64	
POLYSEED	2					15	8.38	3.84	4.54	0.61		
POLYSEED	3					20	8.36	1.09	7.27	0.73		
GGA	1					6	8.60	3.54	5.06	221	221	
GGA	2					6	8.58	3.45	5.13	224.5	224.5	
GGA	3					6	8.50	3.41	5.09	222.5	222.5	
L4445-01	1	No	7.26	N/A	16.80	0.5	8.74	7.73	-	0	132.75	
L4445-01	2					1	8.74	7.58	-	0		
L4445-01	3					2	8.73	7.28	-	0		
L4445-01	4					5	8.72	5.84	2.88	134.4		
L4445-01	5					10	8.71	3.70	5.01	131.1		
L4445-01DUP	1	No	7.26	N/A	16.80	0.5	8.74	7.75	-	0	131.7	
L4445-01DUP	2					1	8.73	7.60	-	0		
L4445-01DUP	3					2	8.73	7.29	-	0		
L4445-01DUP	4					5	8.72	5.86	2.86	133.2		
L4445-01DUP	5					10	8.70	3.72	4.98	130.2		
L4445-05	1	No	4.19	7.2	15.80	0.01	8.74	7.21	-	0	9840	pH Adjusted
L4445-05	2					0.05	8.74	6.17	2.57	11580		
L4445-05	3					0.1	8.73	5.39	3.34	8100		
L4445-05	4					0.5	8.73	0.53	-	0		
L4445-05	5					1	8.72	0.15	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 111 571

WorkList Name : BOD-101620 WorkList ID : 143385 Department : Wet-Chemistry Date : 10-16-2020 08:49:35

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/17/2020	Water	L4445-01 C	BOD5	Cool 4 deg C	HOLL01	P21	EFFLUENT	10/15/2020	SM5210 B
10/17/2020	Water	L4445-05	BOD5	Cool 4 deg C	HOLL01	P21	INFLUENT	10/15/2020	SM5210 B

Date/Time 10/16/2020 15:30
 Received by: KS (Weber)
 Relinquished by: Amluwet-chem

Date/Time 10/16/2020 16:55
 Received by: Amluwet-chem
 Relinquished by: KS (Weber)