

**BOD5 LOG**

Analysis Date: 10/10/2019

QC BATCH ID: LB105622

ANALYST: chirag

BOD Water: WP78798

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2482

Alkaline Iodide Azide: W2472

POLYSEED: WP78800

Sodium Thiosulfate, 0.025N: WP74519

GGA: WP78799

NaOH, 0.25N: WP71104

Chlorine Strips: W2430

IncubatorID: Incubator#3

pH Strips: W2350

Zero DO: WP78637

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.6	8.6	8.6
WINKLER 2	WINKLER 2	2	300	8.6	17.2	8.6	8.6

Meter Calibration1 : 8.6

Zero DO Reading1 : 0.01 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.60

Zero DO Reading2 : 0.00 mg/L (≤ 0.2 Criteria)

QC BATCH ID: LB105622

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 14:15

TIME OUT: 13:02

DATE IN: 10/10/2019

DATE OUT: 10/15/2019

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
LB105622BL	1	No	6.0	N/A	20.10	300	8.60	8.56	0.04	0.04	0.04	
POLYSEED	1					10	8.59	5.08	3.51	0.7	0.72	
POLYSEED	2					15	8.58	2.83	5.75	0.77		
POLYSEED	3					20	8.59	1.55	7.04	0.7		
GGA	1					6	8.60	3.91	4.69	198.5	198.5	
GGA	2					6	8.59	3.64	4.95	211.5	211.5	
GGA	3					6	8.59	4.01	4.58	193	193	
K5301-02	1	No	6.0	N/A	17.50	0.5	8.58	6.24	2.34	972	972	
K5301-02	2					1	8.57	0.08	-	0		
K5301-02	3					5	8.58	0.08	-	0		
K5301-02	4					20	8.57	0.06	-	0		
K5301-02DUP	1	No	6.0	N/A	17.80	0.5	8.58	6.24	2.34	972	972	
K5301-02DUP	2					1	8.57	0.08	-	0		
K5301-02DUP	3					5	8.58	0.07	-	0		
K5301-02DUP	4					20	8.58	0.05	-	0		
K5319-01	1	No	6.4	N/A	18.00	0.5	8.58	7.43	-	0	445.9	
K5319-01	2					1	8.58	5.96	2.62	570		
K5319-01	3					2	8.55	4.50	4.05	499.5		
K5319-01	4					5	8.50	3.31	5.19	268.2		
K5319-01	5					10	8.30	0.10	-	0		
K5319-03	1	No	6.4	N/A	17.60	0.01	8.59	6.88	-	0	5910	
K5319-03	2					0.05	8.58	7.01	-	0		
K5319-03	3					0.1	8.55	5.86	2.69	5910		
K5319-03	4					0.5	8.48	0.11	-	0		
K5319-03	5					1	8.32	0.06	-	0		

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