

**BOD5 LOG****Analysis Date:** 10/18/2019**QC BATCH ID:** LB105804**ANALYST:** chirag**BOD Water:** WP79153**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP79154**Sodium Thiosulfate, 0.025N:** WP76828**GGA:** WP79155**NaOH, 0.25N:** WP77359**Chlorine Strips:** W2430**IncubatorID:** Incubator#3**pH Strips:** W2500**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	0.00	8.5	8.5	8.5
WINKLER 2	WINKLER 2	2	300	8.5	17.0	8.5	8.5

Meter Calibration1 : 8.5Zero DO Reading1 : 0.00 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.50Zero DO Reading2 : 0.00 mg/L (<=0.2 Criteria)



QC BATCH ID: LB105804

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 14:00

TIME OUT: 12:45

DATE IN: 10/18/2019

DATE OUT: 10/23/2019

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
LB105804BL	1	No	6.2	N/A	19.00	300	8.50	8.50	0	0	0	
POLYSEED	1					10	8.48	4.51	3.97	0.79	0.7	
POLYSEED	2					15	8.46	3.62	4.84	0.65		
POLYSEED	3					20	8.46	1.98	6.48	0.65		
GGA	1					6	8.43	3.48	4.95	212.5	212.5	
GGA	2					6	8.43	3.52	4.91	210.5	210.5	
GGA	3					6	8.42	3.39	5.03	216.5	216.5	
K5456-01	1	No	7.0	N/A	19.50	0.5	8.46	5.72	2.74	1224	555.18	
K5456-01	2					1	8.45	5.41	3.04	702		
K5456-01	3					2	8.47	5.34	3.13	364.5		
K5456-01	4					5	8.40	2.80	5.6	294		
K5456-01	5					10	8.33	1.25	7.08	191.4		
K5456-01DUP	1	No	7.0	N/A	19.50	0.5	8.46	5.72	2.74	1224	554.52	
K5456-01DUP	2					1	8.45	5.41	3.04	702		
K5456-01DUP	3					2	8.47	5.34	3.13	364.5		
K5456-01DUP	4					5	8.40	2.80	5.6	294		
K5456-01DUP	5					10	8.33	1.36	6.97	188.1		
K5456-03	1	No	4.0	7.2	19.00	0.01	8.48	6.39	2.09	41700	11417.4	pH Adjusted
K5456-03	2					0.05	8.47	6.35	2.12	8520		
K5456-03	3					0.1	8.48	6.23	2.25	4650		
K5456-03	4					0.5	8.47	5.71	2.76	1236		
K5456-03	5					1	8.47	4.50	3.97	981		

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

WORKLIST(Hardcopy Internal Chain)

LB 105804

WorkList Name : BOD101819 WorkList ID : 132275 Department : Wet-Chemistry Date : 10-18-2019 07:41:26

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/19/2019	Water	K5456-01	BOD5	Cool 4 deg C	HOLL01	D21	EFFLUENT	10/17/2019	SM5210 B
10/19/2019	Water	K5456-03	BOD5	Cool 4 deg C	HOLL01	D21	INFLUENT	10/17/2019	SM5210 B

Date/Time 10/18/19 13:45
 Received by: GF
 Relinquished by: GF

Date/Time 10/18/19 14:15
 Received by: GF
 Relinquished by: GF