

**BOD 7 LOG****Analysis Date:** 08/09/2019**QC BATCH ID:** LB104512**ANALYST:** AMANDEEP**BOD Water:** WP77176**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP77178**Sodium Thiosulfate, 0.025N:** WP76828**GGA:** WP77177**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2430**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP76490

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.0	9	8.9
WINKLER 2	WINKLER 2	2	300	9.0	17.8	8.8	8.9

Meter Calibration1 : 8.9Zero DO Reading1 : 0.01 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.9Zero DO Reading2 : 0.01 mg/L (<=0.2 Criteria)



QC BATCH ID: LB104512

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:45

TIME OUT: 12:15

DATE IN: 08/09/2019

DATE OUT: 08/15/2019

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
LB104512BL	1	No	6.0	N/A	20.10	300	8.9	8.89	0.01	0.01	0.01	
POLYSEED	1					10	8.89	5.10	3.79	0.76	0.73	
POLYSEED	2					15	8.84	3.59	5.25	0.7		
POLYSEED	3					20	8.81	1.65	7.16	0.72		
GGA	1					6	8.86	3.80	5.06	216.5	216.5	
GGA	2					6	8.85	3.95	4.9	208.5	208.5	
GGA	3					6	8.86	3.71	5.15	221	221	
K4210-05	1	No	6.0	N/A	18.20	0.1	8.85	7.69	-	0	1585.5	
K4210-05	2					0.5	8.86	5.49	3.37	1584		
K4210-05	3					1	8.89	2.87	6.02	1587		
K4210-05	4					5	8.88	0.08	-	0		
K4247-05	1	No	6.0	N/A	18.10	0.1	8.80	7.70	-	0	2184	
K4247-05	2					0.5	8.78	4.41	4.37	2184		
K4247-05	3					1	8.82	0.09	-	0		
K4247-05	4					5	8.84	0.07	-	0		
K4247-05DUP	1	No	6.0	N/A	18.40	0.1	8.79	7.69	-	0	2172	
K4247-05DUP	2					0.5	8.77	4.42	4.35	2172		
K4247-05DUP	3					1	8.81	0.10	-	0		
K4247-05DUP	4					5	8.84	0.06	-	0		

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

LB104512

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD7080819 WorkList ID : 129574 Department : Wet-Chemistry Date : 08-08-2019 13:22:04

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/09/2019	Water	K4210-05	BOD_7	1:1 HNO3 to p	AMER08	O33	BOD	08/07/2019	SM5210 B
08/10/2019	Water	K4247-05	BOD_7	1:1 HNO3 to p	AMER08	O41	BOD	08/08/2019	SM5210 B

Date/Time 08/08/19 14:10
 Received by: AK
 Relinquished by: AK

Date/Time 08/08/19 17:00
 Received by: AK
 Relinquished by: AK