

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 06/23/2021**QC BATCH ID:** LB115071**BOD Water:** WP91766**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** WP90938**POLYSEED:** WP91768**NaOH, 1N:** WP89214**GGA:** WP91767**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP91586

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	8.7
WINKLER 2	WINKLER 2	2	300	8.6	17.4	8.8	8.7

Meter Calibration1: 8.88

Zero DO Reading1: 0.02 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.37

Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.30



QC BATCH ID: LB115071

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 15:10

TIME OUT: 11:30

DATE IN: 06/23/2021

DATE OUT: 06/28/2021

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
LB115071BL	1	No	6.0	N/A	21.20	300	9.00	8.65	0.35	0.35	0.35	
POLYSEED	1					10	9.00	5.95	3.05	0.61	0.59	
POLYSEED	2					15	8.99	4.78	4.21	0.56		
POLYSEED	3					20	8.97	0.82	-	0		
GGA	1					6	8.91	4.50	4.41	191	219.33	
GGA	2					6	8.89	3.15	5.74	257.5		
GGA	3					6	8.88	4.10	4.78	209.5		
M2812-07	1	No	8.34	N/A	18.20	1	8.96	8.29	-	0	99	
M2812-07	2					2	8.96	8.10	-	0		
M2812-07	3					5	8.95	6.71	2.24	99		
M2812-07	4					20	8.89	7.29	-	0		
M2812-07DUP	1	No	8.34	N/A	18.20	1	8.94	8.27	-	0	98.4	
M2812-07DUP	2					2	8.95	8.11	-	0		
M2812-07DUP	3					5	8.93	6.70	2.23	98.4		
M2812-07DUP	4					20	8.87	7.28	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 115071

WorkList Name : bod62321 WorkList ID : 150046 Department : Wet-Chemistry Date : 06-23-2021 13:41:30

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/24/2021	Water	M2812-07	BOD5	Cool 4 deg C	PSEG03	J12	KG-WATER	06/22/2021	SM5210 B

Date/Time 06/23/21 13:45
 Raw Sample Received by: KS (Wetchem)
 Raw Sample Relinquished by: JOR Get (JRM)

Date/Time 06/23/21 15:15
 Raw Sample Received by: JOR Get (Wetchem)
 Raw Sample Relinquished by: KS (Wetchem)