

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 09/17/2021**QC BATCH ID:** LB116372**BOD Water:** WP93010**Starch:** W2703**Sulfuric acid, 1N:** WP88863**POLYSEED:** WP93012**GGA:** WP93011**Chlorine Strips:** W2543**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP91991**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP92838

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.68

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.80

After Incubation

Meter Calibration2: 8.58

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.66



QC BATCH ID: LB116372

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 14:40

TIME OUT: 10:30

DATE IN: 09/17/2021

DATE OUT: 09/22/2021

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
LB116372BL	1	No	6.0	N/A	19.00	300	8.79	8.70	0.09	0.09	0.09	
POLYSEED	1					10	8.79	5.26	3.53	0.71	0.67	
POLYSEED	2					15	8.78	3.53	5.25	0.7		
POLYSEED	3					20	8.77	2.73	6.04	0.6		
GGA	1					6	8.80	3.75	5.05	219	213	
GGA	2					6	8.78	3.92	4.86	209.5		
GGA	3					6	8.78	3.90	4.88	210.5		
M3760-02	1	No	6.95	N/A	19.50	0.5	8.80	6.71	2.09	852	806	
M3760-02	2					1	8.79	5.50	3.29	786		
M3760-02	3					2	8.78	2.91	5.87	780		
M3760-02	4					5	8.77	0.29	-	0		
M3760-02	5					20	8.71	0.27	-	0		
M3760-02DUP	1	No	6.95	N/A	19.50	0.5	8.79	6.70	2.09	852	805.5	
M3760-02DUP	2					1	8.77	5.48	3.29	786		
M3760-02DUP	3					2	8.76	2.90	5.86	778.5		
M3760-02DUP	4					5	8.75	0.27	-	0		
M3760-02DUP	5					20	8.70	0.25	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB116372

WorkList Name : bod91721 WorkList ID : 152341 Department : Wet-Chemistry Date : 09-17-2021 08:38:32

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/17/2021	Water	M3760-02 B	BOD5	Cool 4 deg C	ARDM01	H61	EFF-VVV	09/15/2021	SM5210 B

Date/Time 09/17/21 14:30
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: JPL (wc)

Date/Time 09/17/21 15:45
 Raw Sample Received by: JPL (wc)
 Raw Sample Relinquished by: KS (wc)