

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 12/02/2021**QC BATCH ID:** LB117642**BOD Water:** WP94159**Starch:** W2703**Sulfuric acid, 1N:** WP88863**POLYSEED:** WP94160**GGA:** WP94158**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:** WP94126

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 8.78

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.98

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB117642

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:25

TIME OUT: 12:00

DATE IN: 12/02/2021

DATE OUT: 12/07/2021

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
LB117642BL	1	No	6.4	N/A	21.20	300	8.89	8.78	0.11	0.11	0.11	
POLYSEED	1					10	8.85	4.58	4.27	0.85	0.77	
POLYSEED	2					15	8.81	3.57	5.24	0.7		
POLYSEED	3					20	8.79	1.30	7.49	0.75		
GGA	1					6	8.83	3.50	5.33	228	207	
GGA	2					6	8.81	3.98	4.83	203		
GGA	3					6	8.82	4.25	4.57	190		
M4882-02	1	No	5.57	7.20	21.10	0.5	8.85	5.72	3.13	1416	1473	pH Adjusted
M4882-02	2					1	8.84	2.97	5.87	1530		
M4882-02	3					2	8.80	0.45	-	0		
M4882-02	4					3	8.78	0.21	-	0		
M4882-02DUP	1	No	5.57	7.20	21.10	0.5	8.87	5.80	3.07	1380	1452	pH Adjusted
M4882-02DUP	2					1	8.85	3.00	5.85	1524		
M4882-02DUP	3					2	8.83	0.55	-	0		
M4882-02DUP	4					3	8.80	0.25	-	0		
M4913-01	1	No	8.20	7.20	20.30	1	8.88	8.45	-	0	22.95	pH Adjusted
M4913-01	2					5	8.85	8.40	-	0		
M4913-01	3					10	8.83	7.55	-	0		
M4913-01	4					20	8.80	6.50	2.3	22.95		

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

WORKLIST(Hardcopy Internal Chain)

LB117642

WorkList Name : BOD12221 WorkList ID : 154800 Department : Wet-Chemistry Date : 12-02-2021 11:51:31

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/03/2021	Water	M4913-01	C BOD5	Cool 4 deg C	INFR01	D11	WEEKLY-OUTFALL-002	12/01/2021	SM5210 B
12/03/2021	Water	M4882-02	C BOD5	Cool 4 deg C	ARAM01	D11	COMP	12/01/2021	SM5210 B

Date/Time 12/02/21 16:05
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: J. P. (WC)

Date/Time 12/02/21 17:30
 Raw Sample Received by: J. P. (WC)
 Raw Sample Relinquished by: KS (WC)