

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 11/12/2021**QC BATCH ID:** LB117340**BOD Water:** WP93883**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** W2843**POLYSEED:** WP93885**NaOH, 1N:** WP91991**GGA:** WP93884**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP93693

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: 8.65

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

Winkler titrated BOD fluid DO reading1: 8.75

After Incubation

Meter Calibration2: 8.90

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

Barometric Pressure2: 771 mmHg

Winkler titrated BOD fluid DO reading2: 8.72



QC BATCH ID: LB117340

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 09:50

TIME OUT: 10:30

DATE IN: 11/12/2021

DATE OUT: 11/17/2021

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
LB117340BL	1	No	6.0	N/A	21.20	300	8.77	8.70	0.07	0.07	0.07	
POLYSEED	1					10	8.75	4.56	4.19	0.84	0.76	
POLYSEED	2					15	8.76	3.55	5.21	0.69		
POLYSEED	3					20	8.73	1.25	7.48	0.75		
GGA	1					6	8.70	3.50	5.2	222	202.33	
GGA	2					6	8.71	3.98	4.73	198.5		
GGA	3					6	8.74	4.25	4.49	186.5		
M4641-02	1	No	6.66	N/A	20.80	5	8.72	7.55	-	0	8.7	
M4641-02	2					20	8.69	6.70	-	0		
M4641-02	3					50	8.51	6.30	2.21	8.7		
M4641-02	4					150	7.82	0.60	-	0		
M4641-02DUP	1	No	6.66	N/A	20.80	5	8.70	7.58	-	0	8.34	
M4641-02DUP	2					20	8.67	6.72	-	0		
M4641-02DUP	3					50	8.50	6.35	2.15	8.34		
M4641-02DUP	4					150	7.85	0.65	-	0		
M4660-01	1	No	7.14	N/A	20.20	5	8.75	8.02	-	0		
M4660-01	2					20	8.71	7.71	-	0		
M4660-01	3					50	8.62	7.01	-	0		
M4660-01	4					150	8.39	6.88	-	0		

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

LB117340

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD111221

WorkList ID : 154282

Department : Wet-Chemistry

Date : 11-12-2021 08:45:15

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/12/2021	Water	M4641-02	BOD5	Cool 4 deg C	LOCK01	D12	SY-3D-20211110	11/10/2021	SM5210 B
11/13/2021	Water	M4660-01	BOD5	Cool 4 deg C	PSEG03	D12	FM655	11/11/2021	SM5210 B

Date/Time

11/12/21 08:55

Raw Sample Received by:

KS(WC)

Raw Sample Relinquished by:

NB(121)

Date/Time

11/12/21 10:00

Raw Sample Received by:

AB(121)

Raw Sample Relinquished by:

KS(WC)