

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 11/12/2021**QC BATCH ID:** LB117353**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: 8.57

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: LB117353

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:15

TIME OUT: 11:30

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
LB117353BL	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		
M4674-09	1	No	11.25	7.20	20.80	5	8.72	7.53	-	0	7.85	pH Adjusted
M4674-09	2					20	8.70	7.18	-	0		
M4674-09	3					50	8.62	6.55	2.07	7.86		
M4674-09	4					150	8.29	3.61	4.68	7.84		
M4674-09DUP	1	No	11.25	7.20	20.80	5	8.70	7.55	-	0	7.67	pH Adjusted
M4674-09DUP	2					20	8.68	7.20	-	0		
M4674-09DUP	3					50	8.60	6.58	2.02	7.56		
M4674-09DUP	4					150	8.30	3.65	4.65	7.78		
M4676-01	1	No	6.16	N/A	21.20	5	8.76	7.67	-	0		
M4676-01	2					20	8.74	7.55	-	0		
M4676-01	3					50	8.72	7.50	-	0		
M4676-01	4					150	8.70	7.26	-	0		
M4676-07	1	No	5.46	7.20	18.20	5	8.73	7.66	-	0		pH Adjusted
M4676-07	2					20	8.69	7.56	-	0		
M4676-07	3					50	8.68	7.50	-	0		
M4676-07	4					150	8.66	6.82	-	0		
M4676-09	1	No	5.63	7.20	17.20	5	8.75	8.07	-	0		pH Adjusted
M4676-09	2					20	8.73	7.88	-	0		
M4676-09	3					50	8.72	7.87	-	0		
M4676-09	4					150	8.70	7.71	-	0		
M4692-01	1	No	7.22	N/A	21.20	5	8.67	0.19	-	0		
M4692-01	2					20	8.65	0.13	-	0		
M4692-01	3					50	8.47	0.12	-	0		
M4692-01	4					150	7.94	0.10	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 117353

WorkList Name : BOD111221-1 WorkList ID : 154300 Department : Wet-Chemistry Date : 11-12-2021 15:27:09

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/14/2021	Water	M4674-09	BOD5	Cool 4 deg C	PSEG03	D21	MF-WATER-COMP	11/12/2021	SM5210 B
11/13/2021	Water	M4676-01	BOD5	Cool 4 deg C	LOCK01	D21	SY-2D-20211111	11/11/2021	SM5210 B
11/13/2021	Water	M4676-07	BOD5	Cool 4 deg C	LOCK01	D21	SY-2R-20211111	11/11/2021	SM5210 B
11/13/2021	Water	M4676-09	BOD5	Cool 4 deg C	LOCK01	D21	SY-5-20211111	11/11/2021	SM5210 B
11/14/2021	Water	M4692-01	BOD5	Cool 4 deg C	ARDM01	D11	WW-EFF	11/12/2021	SM5210 B

Date/Time 11/12/21 16:45
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 11/12/21 17:20
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)