



CBOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 09/15/2021

QC BATCH ID: LB116325

BOD Water: WP92964

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP92967

GGA: WP92966

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

Nitrification Inhibitor: W2792

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.75
WINKLER 2	WINKLER 2	2	300	8.7	17.5	8.8	8.75

Meter Calibration1: 8.43

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.11 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.95

Barometric Pressure2: 771 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.78



QC BATCH ID: LB116325

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:00

TIME OUT: 13:30

DATE IN: 09/15/2021

DATE OUT: 09/20/2021

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
LB116325BL	1	No	6.0	N/A	21.20	300	8.90	8.80	0.1	0.1	0.1	
POLYSEED	1					10	8.88	5.08	3.8	0.76	0.7	
POLYSEED	2					15	8.87	3.52	5.35	0.71		
POLYSEED	3					20	8.85	2.52	6.33	0.63		
GGA	1					6	8.88	4.57	4.31	180.5	184	
GGA	2					6	8.86	4.63	4.23	176.5		
GGA	3					6	8.85	4.25	4.6	195		
M3705-03	1	No	2.86	7.20	22.70	5	8.99	7.01	-	0	83.7	pH Adjusted
M3705-03	2					10	8.98	5.18	3.8	93		
M3705-03	3					20	8.95	3.29	5.66	74.4		
M3705-03	4					50	8.94	0.20	-	0		
M3705-03	5					100	8.92	0.18	-	0		

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