



CBOD5 LOG

ANALYST: JIGNESH

SUPERVISOR: apatel

QC BATCH ID: LB119334

Analysis Date: 03/24/2022

BOD Water: WP95945

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: M5038

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP95948

NaOH, 1N: WP94570

GGA: WP95947

IncubatorID: INCUBATOR#3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

Zero DO: WP95554

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	8.90	8.9	8.9
WINKLER 2	WINKLER 2	2	300	8.90	17.8	8.9	8.9

Meter Calibration1: 8.95

Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 9.22

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

Barometric Pressure2: 760 mmHg

Winkler titrated BOD fluid DO reading2: 9.11



QC BATCH ID: LB119334

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 14:30

TIME OUT: 12:05

DATE IN: 03/24/2022

DATE OUT: 03/29/2022

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
LB119334BL	1	No	6.0	N/A	20.80	300	8.89	8.85	0.04	0.04	0.04	
POLYSEED	1					10	8.79	6.09	2.7	0.54	0.59	
POLYSEED	2					15	8.74	4.28	4.46	0.59		
POLYSEED	3					20	8.73	2.26	6.47	0.65		
GGA	1					6	8.76	4.08	4.68	204.5	193	
GGA	2					6	8.74	4.28	4.46	193.5		
GGA	3					6	8.71	4.50	4.21	181		
N1873-03	1	No	2.12	7.11	20.30	1	8.76	8.40	-	0	69.9	pH Adjusted
N1873-03	2					5	8.76	7.50	-	0		
N1873-03	3					20	8.75	3.50	5.25	69.9		
N1873-03	4					50	8.73	0.36	-	0		

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