



CBOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 03/04/2021

QC BATCH ID: LB113362

BOD Water: WP89771

Starch: W2703

Sulfuric acid, 1N: W2609

POLYSEED: WP89773

GGA: WP89772

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP88904

NaOH, 1N: WP89699

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP89776

Nitrification Inhibitor: W2791

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	8.7
WINKLER 2	WINKLER 2	2	300	8.8	17.4	8.6	8.7

Meter Calibration1: 8.81

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.06 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.82

After Incubation

Meter Calibration2: 8.86

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 8.78 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 0.08



QC BATCH ID: LB113362

INCUBATOR TEMP IN(C): 20.2

TIME IN: 16:30

DATE IN: 03/04/2021

INCUBATOR TEMP OUT(C): 20.1

TIME OUT: 10:50

DATE OUT: 03/09/2021

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
LB113362BL	1	No	6.0	N/A	21.20	300	8.82	8.70	0.12	0.12	0.12	
POLYSEED	1					10	8.81	6.17	2.64	0.53	0.63	
POLYSEED	2					15	8.73	3.66	5.07	0.68		
POLYSEED	3					20	8.67	1.80	6.87	0.69		
GGA	1					6	8.77	4.04	4.73	205	202.33	
GGA	2					6	8.77	4.49	4.28	182.5		
GGA	3					6	8.77	3.75	5.02	219.5		
M1561-03	1	No	2.8	7.2	20.90	5	8.78	8.05	-	0	18.87	pH Adjusted
M1561-03	2					20	8.77	6.76	2.01	20.7		
M1561-03	3					50	8.77	5.30	3.47	17.04		
M1561-03	4					150	8.77	0.28	-	0		

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