



CBOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 03/26/2021

QC BATCH ID: LB113765

BOD Water: WP90207

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP90209

GGA: WP90208

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: WP90097

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	9.0	9	9
WINKLER 2	WINKLER 2	2	300	9.0	18.0	9	9

Meter Calibration1: 8.82

Barometric Pressure1: 750 mmHg

Zero DO Reading1: 0.04 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 9.10

After Incubation

Meter Calibration2: 8.68

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 9.05



QC BATCH ID: LB113765

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:30

TIME OUT: 11:30

DATE IN: 03/26/2021

DATE OUT: 03/31/2021

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
LB113765BL	1	No	6.0	N/A	21.20	300	9.10	9.00	0.1	0.1	0.1	
POLYSEED	1					10	9.10	4.11	4.99	1	0.88	
POLYSEED	2					15	9.06	2.67	6.39	0.85		
POLYSEED	3					20	9.06	1.09	7.97	0.8		
GGA	1					6	9.00	3.75	5.25	218.5	182.83	
GGA	2					6	8.99	4.77	4.22	167		
GGA	3					6	9.01	4.87	4.14	163		
M1763-03	1	No	9.5	6.2	20.90	5	9.07	5.78	3.29	144.6	144.6	pH Adjusted
M1763-03	2					20	9.05	0.14	-	0		
M1763-03	3					50	9.04	0.09	-	0		
M1763-03	4					150	9.03	0.07	-	0		
M1763-03DUP	1	No	9.5	7.2	20.90	5	9.06	5.70	3.36	148.8	148.8	pH Adjusted
M1763-03DUP	2					20	9.05	0.14	-	0		
M1763-03DUP	3					50	9.04	0.09	-	0		
M1763-03DUP	4					150	9.02	0.08	-	0		

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