



CBOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 04/23/2021

QC BATCH ID: LB114136

BOD Water: WP90673

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP90674

GGA: WP90675

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP90315

NaOH, 1N: WP89699

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP90568

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	8.6	8.6	8.7
WINKLER 2	WINKLER 2	2	300	8.6	17.4	8.8	8.7

Meter Calibration1: 9.23

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.77

After Incubation

Meter Calibration2: 9.14

Barometric Pressure2: 755 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.67



QC BATCH ID: LB114136

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 16:10

TIME OUT: 11:30

DATE IN: 04/23/2021

DATE OUT: 04/28/2021

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
LB114136BL	1	No	6.48	N/A	19.50	300	8.77	8.75	0.02	0.02	0.02	
POLYSEED	1					10	8.75	5.22	3.53	0.71	0.73	
POLYSEED	2					15	8.66	3.17	5.49	0.73		
POLYSEED	3					20	8.59	1.10	7.49	0.75		
GGA	1					6	8.43	3.78	4.65	196	192.17	
GGA	2					6	8.34	3.75	4.59	193		
GGA	3					6	8.28	3.80	4.48	187.5		
M2150-01	1	No	6.64	N/A	18.70	5	8.23	8.20	-	0		
M2150-01	2					20	8.14	8.12	-	0		
M2150-01	3					50	7.78	7.75	-	0		
M2150-01	4					150	6.58	5.86	-	0		
M2150-01DUP	1	No	6.64	N/A	18.70	5	8.25	8.18	-	0		
M2150-01DUP	2					20	8.12	8.10	-	0		
M2150-01DUP	3					50	7.82	7.78	-	0		
M2150-01DUP	4					150	6.54	6.50	-	0		
M2150-04	1	No	6.58	N/A	18.90	5	8.04	8.00	-	0		
M2150-04	2					20	7.91	7.88	-	0		
M2150-04	3					50	7.65	7.60	-	0		
M2150-04	4					150	6.17	6.11	-	0		

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

LB(14)36

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CBOD-42321 WorkList ID : 148310 Department : Wet-Chemistry Date : 04-23-2021 08:44:40

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/24/2021	Water	M2150-01	CBOD5	Cool 4 deg C	LIR001	P12	TWP-20	04/22/2021	SM5210 B
04/24/2021	Water	M2150-04	CBOD5	Cool 4 deg C	LIR001	P12	TWP-40	04/22/2021	SM5210 B

Date/Time 4/23/2021 15:00
Raw Sample Received by: PM Wet Chem
Raw Sample Relinquished by: JP Wet Chem

Date/Time 4/23/2021 16:30
Raw Sample Received by: JP Wet Chem
Raw Sample Relinquished by: PM Wet Chem