



CBOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 05/05/2021

QC BATCH ID: LB114298

BOD Water: WP90819

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP90821

GGA: WP90820

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	9.2	9.2	9
WINKLER 2	WINKLER 2	2	300	9.2	18.0	8.8	9

Meter Calibration1: 8.74

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.89

After Incubation

Meter Calibration2: 9.15

Barometric Pressure2: 760 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB114298

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:05

TIME OUT: 12:00

DATE IN: 05/05/2021

DATE OUT: 05/10/2021

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
LB114298BL	1	No	6.24	N/A	21.20	300	8.89	8.82	0.07	0.07	0.07	
POLYSEED	1					10	8.85	4.54	4.31	0.86	0.77	
POLYSEED	2					15	8.81	3.53	5.28	0.7		
POLYSEED	3					20	8.79	1.26	7.53	0.75		
GGA	1					6	8.83	3.49	5.34	228.5	208	
GGA	2					6	8.81	3.95	4.86	204.5		
GGA	3					6	8.82	4.23	4.59	191		
M2307-03	1	No	7.17	N/A	20.50	5	8.80	8.03	-	0	4.46	
M2307-03	2					20	8.60	7.36	-	0		
M2307-03	3					50	8.12	6.76	-	0		
M2307-03	4					150	5.85	2.85	3	4.46		
M2307-03DUP	1	No	7.17	N/A	20.50	5	8.81	8.00	-	0	4.38	
M2307-03DUP	2					20	8.62	7.35	-	0		
M2307-03DUP	3					50	7.98	6.72	-	0		
M2307-03DUP	4					150	5.79	2.83	2.96	4.38		
M2307-04	1	No	6.71	N/A	20.30	5	8.86	7.76	-	0		
M2307-04	2					20	8.71	7.70	-	0		
M2307-04	3					50	8.51	7.50	-	0		
M2307-04	4					150	7.66	6.24	-	0		

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

LB114298

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CBOD-50521 WorkList ID : 148629 Department : Wet-Chemistry Date : 05-05-2021 16:49:11

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/07/2021	Water	M2307-03 C	CBOD5	Cool 4 deg C	LIR001	P51	MW-05	05/05/2021	SM5210 B
05/07/2021	Water	M2307-04 C	CBOD5	Cool 4 deg C	LIR001	P51	MW-18	05/05/2021	SM5210 B

Date/Time 05/05/2021 15:45
 Raw Sample Received by: KS (Wetchem)
 Raw Sample Relinquished by: AmGwet-chem

Date/Time 05/05/2021 17:10
 Raw Sample Received by: AmGwet-chem
 Raw Sample Relinquished by: KS (Wetchem)