



CBOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 09/10/2021

QC BATCH ID: LB116316

BOD Water: WP92905

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP92907

GGA: WP92906

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP91991

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP92838

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	8.4	8.4	8.45
WINKLER 2	WINKLER 2	2	300	8.4	16.9	8.5	8.45

Meter Calibration1: 8.60

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.65

After Incubation

Meter Calibration2: 8.62

Barometric Pressure2: 760 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.63



QC BATCH ID: LB116316

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 15:05

TIME OUT: 11:00

DATE IN: 09/10/2021

DATE OUT: 09/15/2021

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
LB116316BL	1	No	6.0	N/A	21.20	300	8.65	8.64	0.01	0.01	0.01	
POLYSEED	1					10	8.60	5.89	2.71	0.54	0.6	
POLYSEED	2					15	8.58	4.46	4.12	0.55		
POLYSEED	3					20	8.50	1.26	7.24	0.72		
GGA	1					6	8.52	2.36	6.16	278	192.5	
GGA	2					6	8.20	4.83	3.37	138.5		
GGA	3					6	8.15	4.33	3.82	161		
M3695-01	1	No	7.15	N/A	21.20	5	8.65	8.41	-	0		
M3695-01	2					20	8.63	7.81	-	0		
M3695-01	3					50	8.61	7.80	-	0		
M3695-01	4					150	8.60	7.78	-	0		
M3695-01DUP	1	No	7.15	N/A	21.20	5	8.63	8.40	-	0		
M3695-01DUP	2					20	8.60	7.80	-	0		
M3695-01DUP	3					50	8.58	7.78	-	0		
M3695-01DUP	4					150	8.56	7.77	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : cbod91021 WorkList ID : 152148 Department : Wet-Chemistry Date : 09-10-2021 11:52:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/12/2021	Water	M3695-01	CBOD5	Cool 4 deg C	WAYNE03	H33	MANHOLE	09/10/2021	SM5210 B

Date/Time 09/10/21 13:40
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: JR(WC)

Date/Time 09/10/21 15:10
 Raw Sample Received by: JR(WC)
 Raw Sample Relinquished by: KS(WC)