



CBOD5 LOG

ANALYST: JIGNESH

SUPERVISOR: apatel

Analysis Date: 04/08/2022

QC BATCH ID: LB119620

BOD Water: WP96252

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP96254

GGA: WP96253

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP95405

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP96043

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

Meter Calibration1: 9.02

Barometric Pressure1: 750 mmHg

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

Winkler titrated BOD fluid DO reading1: 9.10

After Incubation

Meter Calibration2: 9.05

Barometric Pressure2: 755 mmHg

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 9.11



QC BATCH ID: LB119620

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 16:20

TIME OUT: 14:00

DATE IN: 04/08/2022

DATE OUT: 04/13/2022

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
LB119620BL	1	No	6.08	N/A	21.90	300	9.19	9.12	0.07	0.07	0.07	
POLYSEED	1					10	9.15	5.31	3.84	0.77	0.77	
POLYSEED	2					15	9.11	3.55	5.56	0.74		
POLYSEED	3					20	9.06	1.05	8.01	0.8		
GGA	1					6	9.06	4.30	4.76	199.5	198.33	
GGA	2					6	9.07	4.32	4.75	199		
GGA	3					6	9.05	4.35	4.7	196.5		
N2340-11	1	No	7.36	N/A	18.10	5	9.06	7.92	-	0		
N2340-11	2					20	9.09	8.13	-	0		
N2340-11	3					50	9.10	7.80	-	0		
N2340-11	4					150	9.20	7.62	-	0		
N2340-11DUP	1	No	7.36	N/A	18.10	5	9.15	8.88	-	0		
N2340-11DUP	2					20	9.05	8.15	-	0		
N2340-11DUP	3					50	9.08	7.82	-	0		
N2340-11DUP	4					150	9.15	7.61	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CBOD-040822 WorkList ID : 158526 Department : Wet-Chemistry Date : 04-08-2022 15:56:00

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/09/2022	Water	N2340-11	✓ CBOD5	Cool 4 deg C	LIRO01	N13	TWP-08	04/07/2022	SM5210 B

Date/Time 4/8/22 16:00
 Raw Sample Received by: Ad (wgc)
 Raw Sample Relinquished by: Ad (wgc)

Date/Time 4/8/22 16:40
 Raw Sample Received by: Ad (wgc)
 Raw Sample Relinquished by: Ad (wgc)