



CBOD5 LOG

ANALYST: JIGNESH

SUPERVISOR: apatel

Analysis Date: 03/17/2022

QC BATCH ID: LB119201

BOD Water: WP95837

Starch: W2766

Sulfuric acid, 1N: M5038

POLYSEED: WP95839

GGA: WP95838

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP94570

IncubatorID: INCUBATOR-3

GuageID: 0511064

Zero DO: WP95554

Nitrification Inhibitor:

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	9.2
WINKLER 2	WINKLER 2	2	300	9.2	18.4	9.2	9.2

Meter Calibration1: 9.05

Barometric Pressure1: 760 mmHg

After Incubation

Meter Calibration2: 9.22

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 9.02

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

Winkler titrated BOD fluid DO reading2: 9.05



QC BATCH ID: LB119201

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 11:00

TIME OUT: 11:15

DATE IN: 03/17/2022

DATE OUT: 03/23/2022

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
LB119201BL	1	No	6.0	N/A	20.80	300	9.01	8.91	0.1	0.1	0.1	
POLYSEED	1					10	8.91	5.88	3.03	0.61	0.62	
POLYSEED	2					15	8.88	4.14	4.74	0.63		
POLYSEED	3					20	8.84	2.73	6.11	0.61		
GGA	1					6	8.92	4.20	4.72	205	201.17	
GGA	2					6	8.88	4.25	4.63	200.5		
GGA	3					6	8.86	4.28	4.58	198		
N1996-01	1	No	6.8	N/A	20.40	5	8.96	8.29	-	0		
N1996-01	2					20	8.94	8.21	-	0		
N1996-01	3					50	8.80	7.04	-	0		
N1996-01	4					150	8.50	6.96	-	0		
N1996-01DUP	1	No	6.8	N/A	20.40	5	8.98	8.32	-	0		
N1996-01DUP	2					20	8.96	8.25	-	0		
N1996-01DUP	3					50	8.82	7.05	-	0		
N1996-01DUP	4					150	8.53	6.98	-	0		

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

113 119201

WORKLIST(Hardcopy Internal Chain)

WorkList Name : cbod n1996 WorkList ID : 157800 Department : Wet-Chemistry Date : 03-17-2022 08:15:31

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/17/2022	Water	N1996-01	CBOD5	Cool 4 deg C	LIRO01	N23	FT-TOTTEN-MW-01-GW	03/15/2022	SM5210 B

Date/Time 03-17-22 08:20
 Raw Sample Received by: JD (WCC)
 Raw Sample Relinquished by: JD (WCC)

Date/Time 03-17-22 11:35
 Raw Sample Received by: JD (WCC)
 Raw Sample Relinquished by: JD (WCC)