



CBOD5 LOG

ANALYST: jignesh

SUPERVISOR: Sohil

QC BATCH ID: LB121605

Analysis Date: 08/19/2022

BOD Water: wp98527

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: M5038

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP98530

NaOH, 1N: WP97250

GGA: WP98529

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

Zero DO: WP98094

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	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 8.72

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

Barometric Pressure1: 760 mmHg

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.67

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

Barometric Pressure2: 760 mmHg

Winkler titrated BOD fluid DO reading2: 8.75



QC BATCH ID: LB121605

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 15:00

TIME OUT: 11:30

DATE IN: 08/19/2022

DATE OUT: 08/24/2022

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
LB121605BL	1	No	6.0	N/A	21.20	300	8.90	8.78	0.12	0.12	0.12	
POLYSEED	1					10	8.86	4.35	4.51	0.9	0.82	
POLYSEED	2					15	8.79	2.87	5.92	0.79		
POLYSEED	3					20	8.76	1.08	7.68	0.77		
GGA	1					6	8.76	3.49	5.27	222.5	220.17	
GGA	2					6	8.78	3.75	5.03	210.5		
GGA	3					6	8.82	3.45	5.37	227.5		
N4264-02	1	No	6.50	N/A	22.30	5	8.88	8.81	-	0		
N4264-02	2					20	8.86	8.70	-	0		
N4264-02	3					50	8.85	8.57	-	0		
N4264-02	4					150	8.83	8.32	-	0		
N4264-02DUP	1	No	6.50	N/A	22.30	5	8.89	8.83	-	0		
N4264-02DUP	2					20	8.87	8.73	-	0		
N4264-02DUP	3					50	8.85	8.59	-	0		
N4264-02DUP	4					150	8.83	8.33	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB121605

WorkList Name : cbod81922 WorkList ID : 162468 Department : Wet-Chemistry Date : 08-19-2022 13:58:00

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/20/2022	Water	N4264-02	CBOD5	Cool 4 deg C	TECT01	K11	U-3	08/18/2022	SM5210 B

Date/Time 08/19/22 14:00
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: JH(WC)

Date/Time 08/19/22 15:05
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: JH(WC)