



CBOD5 LOG

ANALYST: jignesh

SUPERVISOR: apatel

Analysis Date: 09/01/2021

QC BATCH ID: LB116102

BOD Water: WP92755

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP92757

GGA: WP92756

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: WP92454

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	8.3	8.3	8.35
WINKLER 2	WINKLER 2	2	300	8.3	16.7	8.4	8.35

Meter Calibration1: 8.28

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.27

After Incubation

Meter Calibration2: 8.25

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.11 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.20



QC BATCH ID: LB116102

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.03

TIME IN: 11:30

TIME OUT: 11:00

DATE IN: 09/01/2021

DATE OUT: 09/06/2021

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
LB116102BL	1	No	6.0	N/A	21.20	300	8.20	8.18	0.02	0.02	0.02	
POLYSEED	1					10	8.00	3.70	4.3	0.86	0.75	
POLYSEED	2					15	7.91	2.35	5.56	0.74		
POLYSEED	3					20	7.83	1.21	6.62	0.66		
GGA	1					6	8.70	4.15	4.55	190	168.67	
GGA	2					6	8.62	4.66	3.96	160.5		
GGA	3					6	8.56	4.70	3.86	155.5		
M3610-01	1	No	7.60	N/A	20.20	5	6.75	5.75	-	0		
M3610-01	2					20	6.70	5.70	-	0		
M3610-01	3					50	6.65	5.18	-	0		
M3610-01	4					150	6.57	6.08	-	0		
M3610-01DUP	1	No	7.60	N/A	20.20	5	6.72	5.77	-	0		
M3610-01DUP	2					20	6.68	5.72	-	0		
M3610-01DUP	3					50	6.64	5.20	-	0		
M3610-01DUP	4					150	6.55	6.10	-	0		
M3610-02	1	No	7.20	N/A	20.20	5	6.52	5.65	-	0		
M3610-02	2					20	6.49	5.60	-	0		
M3610-02	3					50	6.46	5.24	-	0		
M3610-02	4					150	6.35	5.11	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB116102

WorkList Name : CBOD83121 WorkList ID : 151911 Department : Wet-Chemistry Date : 08-31-2021 16:03:14

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/02/2021	Water	M3610-01	CBOD5	Cool 4 deg C	DIST01	D11	YORK-ST-MH-1	08/31/2021	SM5210 B
09/02/2021	Water	M3610-02	CBOD5	Cool 4 deg C	DIST01	D11	YORK-ST-MH-2	08/31/2021	SM5210 B

Date/Time 09/01/21 10:05
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: JP(wc)

Date/Time 09/01/21 11:35
 Raw Sample Received by: JP(wc)
 Raw Sample Relinquished by: KS(wc)